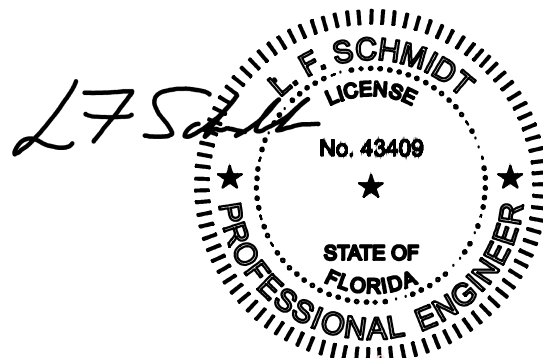
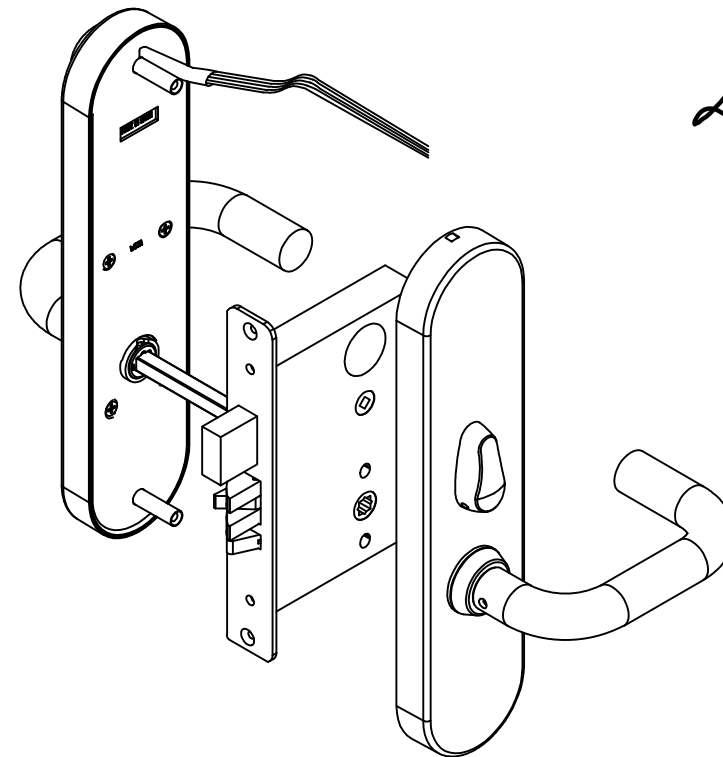


1780 CORPORATE DR, SUITE 400, NORCROSS, GA 30093

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 of the "HVHZ" 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 steel side hinged swing door approval being used.
5. 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".
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Air and water infiltration qualifications to be reviewed by the Building Official.
8. All steel shall be protected as specified in Section 2222.6 of the FBC.

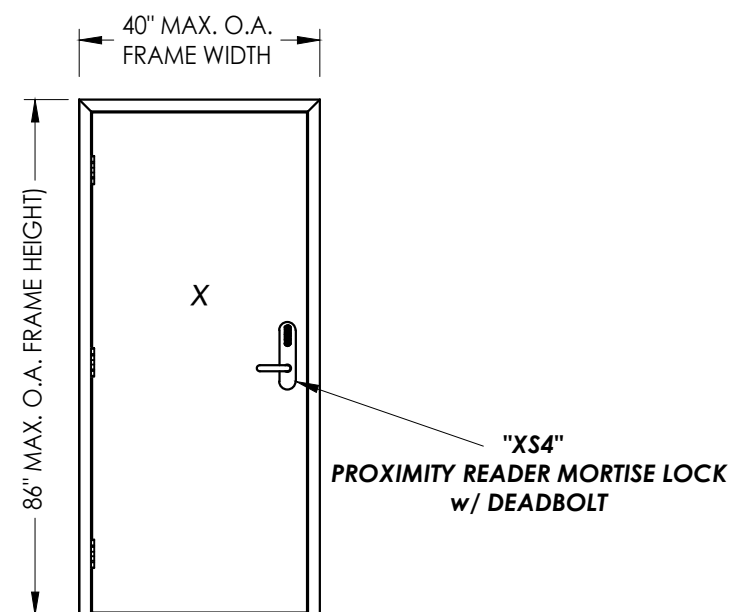
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Lock details
3	Door panel details
4	Door panel details



Digitally signed by Lyndon F
Schmidt
Date: 2023.10.19 15:10:26 -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.

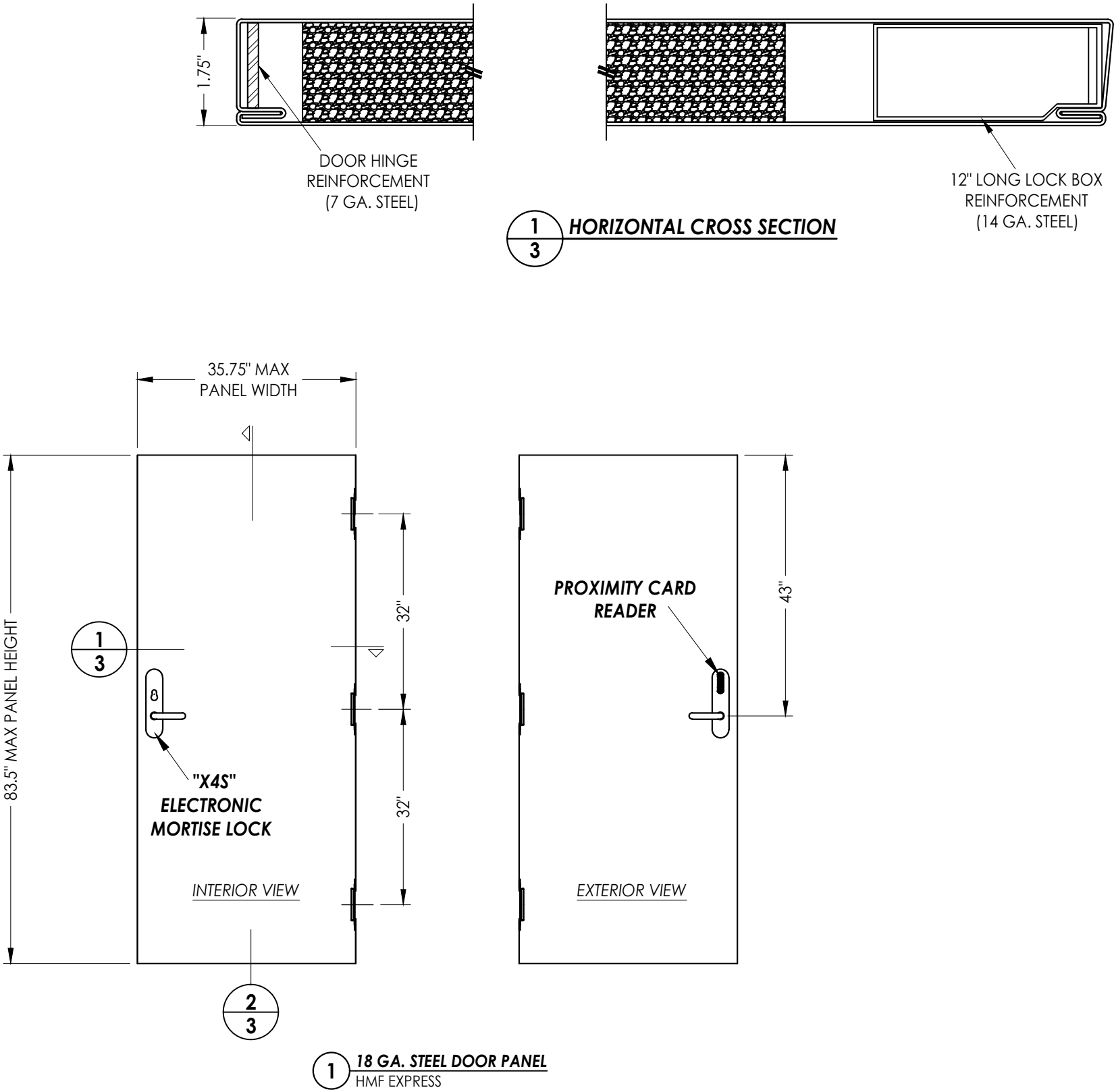
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



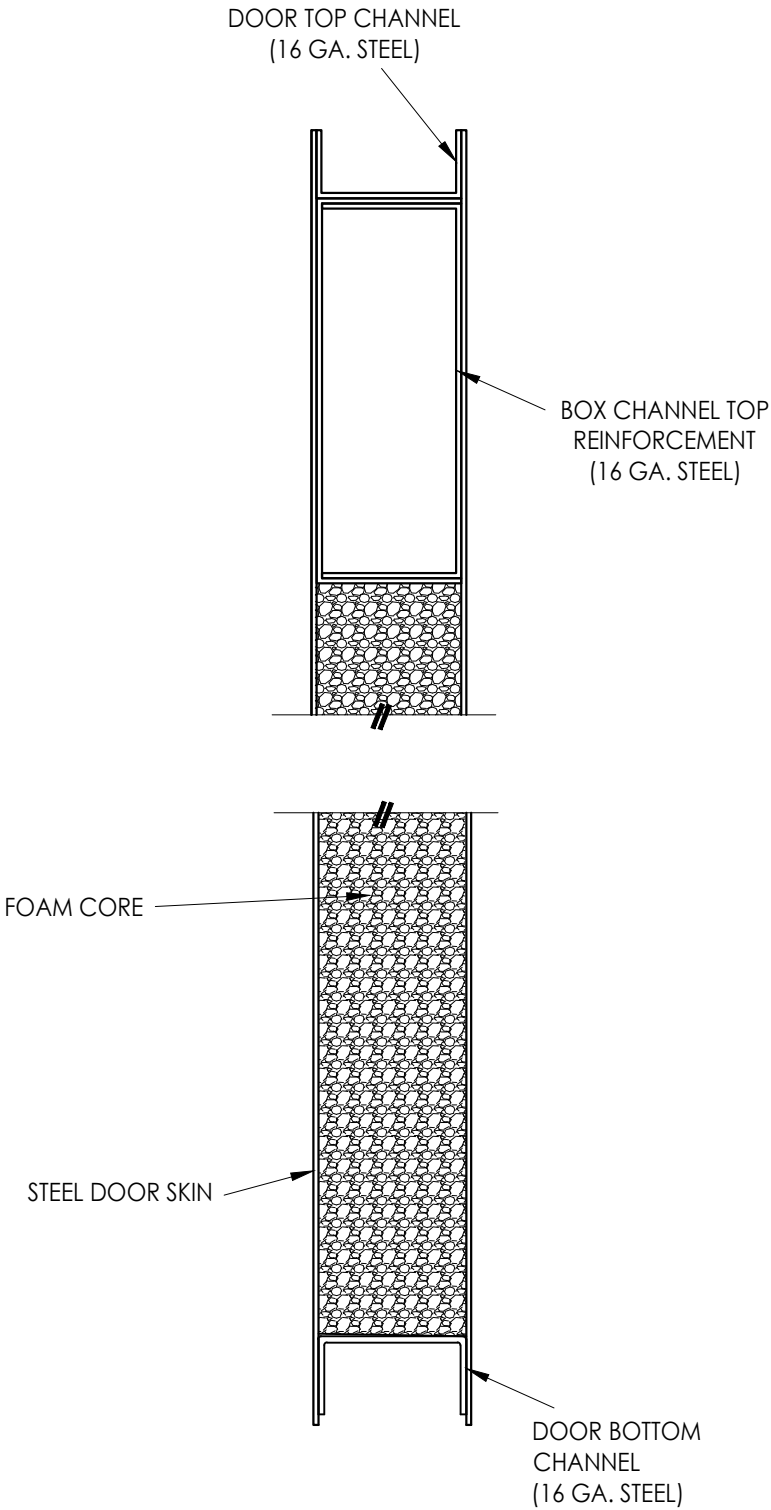
CONFIGURATION	DOOR	LOCK TYPE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
SINGLE	18 GA.	"XS4" PROXIMTY READER MORTISE LOCK w/ DEADBOLT	+65.0	-70.0	+65.0	-65.0
SINGLE	16 GA.		+90.0	-90.0	+90.0	-90.0

DATE: 5/08/17		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		SALTO SYTEMS MORTISE LOCK		Lyndon F. Schmidt P.E. No. 43409	
DWG. BY: JK		PART OR ASSEMBLY:		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
CHK. BY: LFS		TYPICAL ELEVATION, DESIGN			
DRAWING NO.: FL-22025.1		PRESSURES & GENERAL NOTES			
SHEET 1 OF 4					
4	10/5/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/13/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	10/05/17	UPDATE TO 6th ED. (2017)	FBC	JK	
1	8/15/17	ADDED 16 GA. DOOR PANEL	JK	BY	
NO.	DATE				
REVISIONS					

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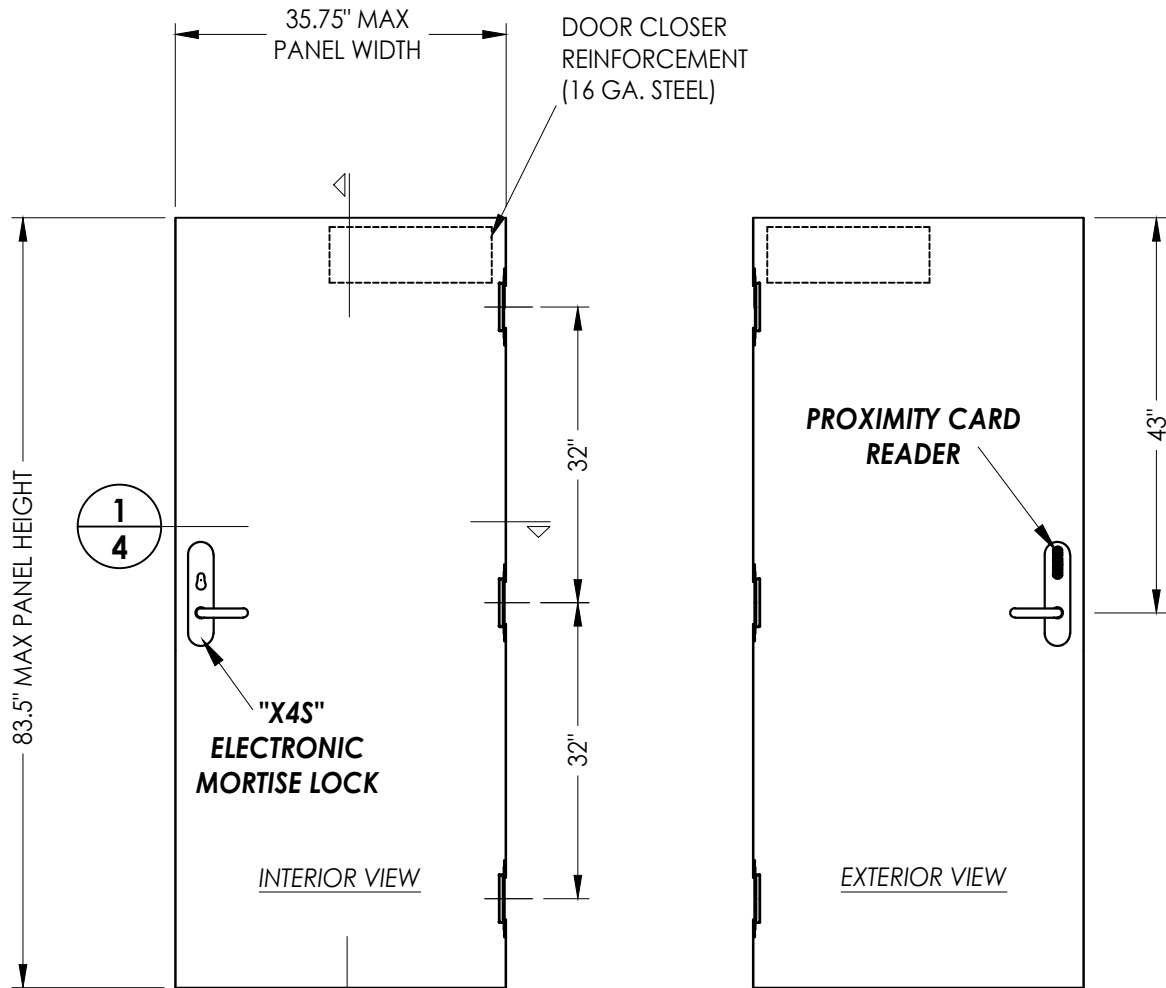
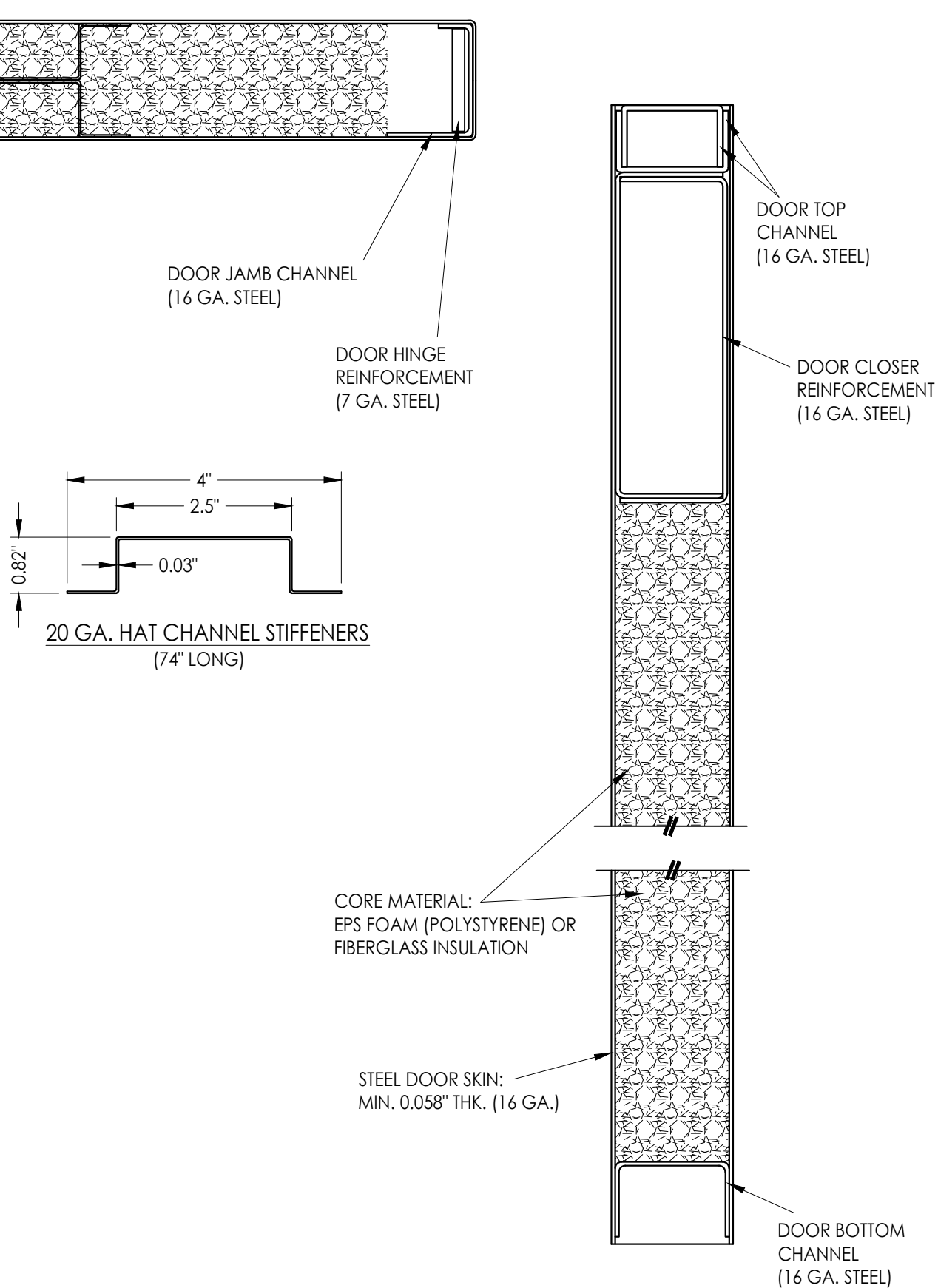
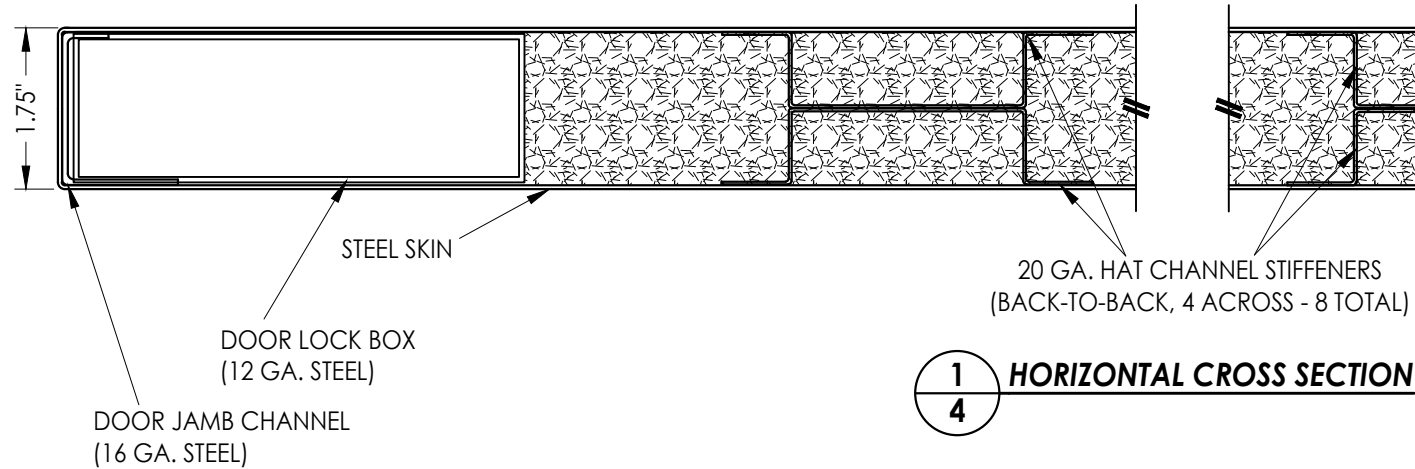


STEEL DOOR SKIN: 18 GA. A60 GALV. (min. 0.047" THK. , Fy = 47,400 psi min.)
CORE MATERIAL: EPS Foam (Polystyrene - 1.0 PCF Min. Density)



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: SALTO SYTEMS MORTISE LOCK		PART OR ASSEMBLY: DOOR PANEL DETAILS	
4	10/5/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	8/13/20	UPDATE TO 7TH ED. (2020)	FBC LFS
2	10/05/17	UPDATE TO 6th ED. (2017)	FBC JK
1	8/15/17	ADDED 16 GA. DOOR PANEL	JK
NO. DATE		REVISIONS	
DATE: 5/08/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-22025.1			
SHEET 3 OF 4			

Z:\2023 FBC Drawings\Salto Systems, Inc\FL-22025 R4\FL-22025.1.dwg



2
4 **16 GA. STEEL DOOR PANEL (HAT CHANNEL REINFORCED)**
Quality Engineered Door Products

STEEL DOOR SKIN: 16 GA. A60 GALV. (min. 0.058" THK. , Fy = 41,300 psi min.)
CORE MATERIAL: EPS Foam (Polystyrene - 1.0 PCF Min. Density)

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 FBPE Registry No. 9813	
PRODUCT: SALTO SYTEMS MORTISE LOCK		PART OR ASSEMBLY: DOOR PANEL DETAILS	
4	10/5/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	8/13/20	UPDATE TO 7TH ED. (2020)	FBC LFS
2	10/05/17	UPDATE TO 6th ED. (2017)	FBC JK
1	8/15/17	ADDED 16 GA. DOOR PANEL	JK
NO.	DATE		BY
REVISIONS			
DATE: 5/08/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-22025.1			
SHEET 4 OF 4			