

Z:\Clients\Pamex PERMANENT\A - Florida Product Approvals\FL-14722 Ext Door Components\C - Drawings\FL 14722 (2020) R5\FL-14722.dwg



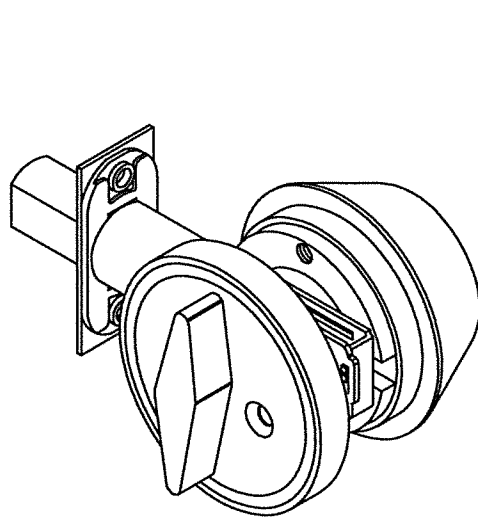
4680 Vinita Court
Chino, CA 91710

"FD7 SERIES" DEADBOLT with an "F SERIES" LEVER or KNOB in a STEEL DOOR INSWING / OUTSWING "IMPACT"

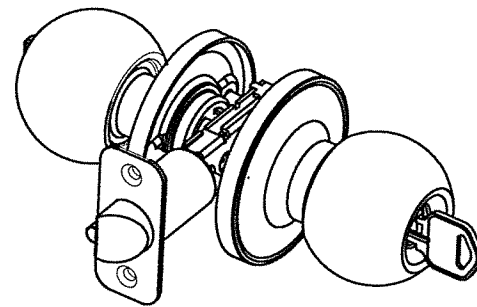
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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. Anchors shown are for the door components only. Refer to the current Florida Statewide product approval for the anchoring of the door system to the substrate.
3. When used in areas 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 w/ installation instructions. 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.

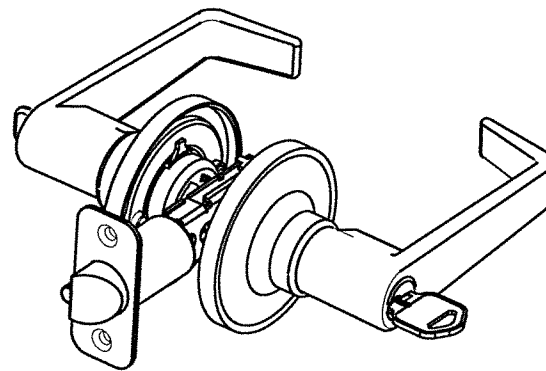
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SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	"FD7 Series" deadbolt & installation details
3	"F Series" knob & lever details
4	Steel door panel details



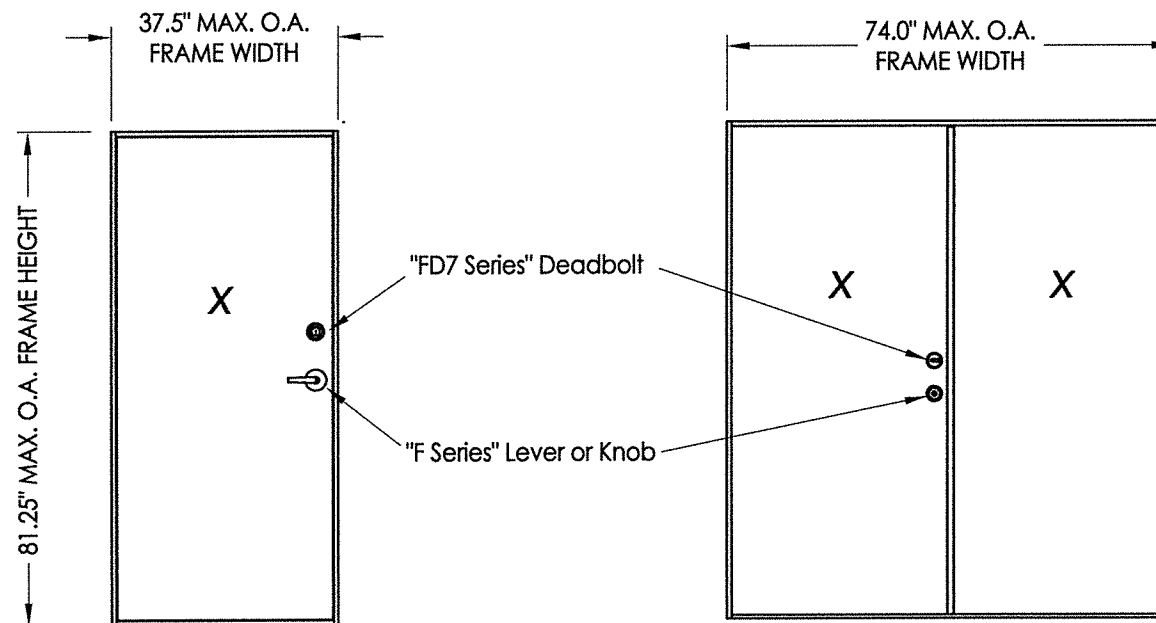
"FD7 Series" Deadbolt



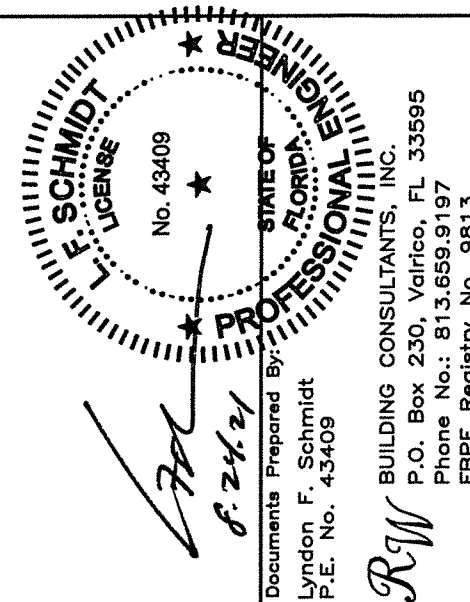
"F Series" Knob



"F Series" Lever



CONFIGURATION	MAX FRAME DIMENSION	LOCK & DEADBOLT TYPE	DESIGN PRESSURE (PSF) INSWING / OUTSWING	
			POSITIVE	NEGATIVE
SINGLE (opaque)	37.5" x 81.25"	"FD7 Series" Deadbolt with a "F Series" Lever or Knob (PAMEX)	+65.0	-70.0
SINGLE (glazed) DOUBLE (opaque / glazed)	74.5" x 81.25"		+45.0	-50.0



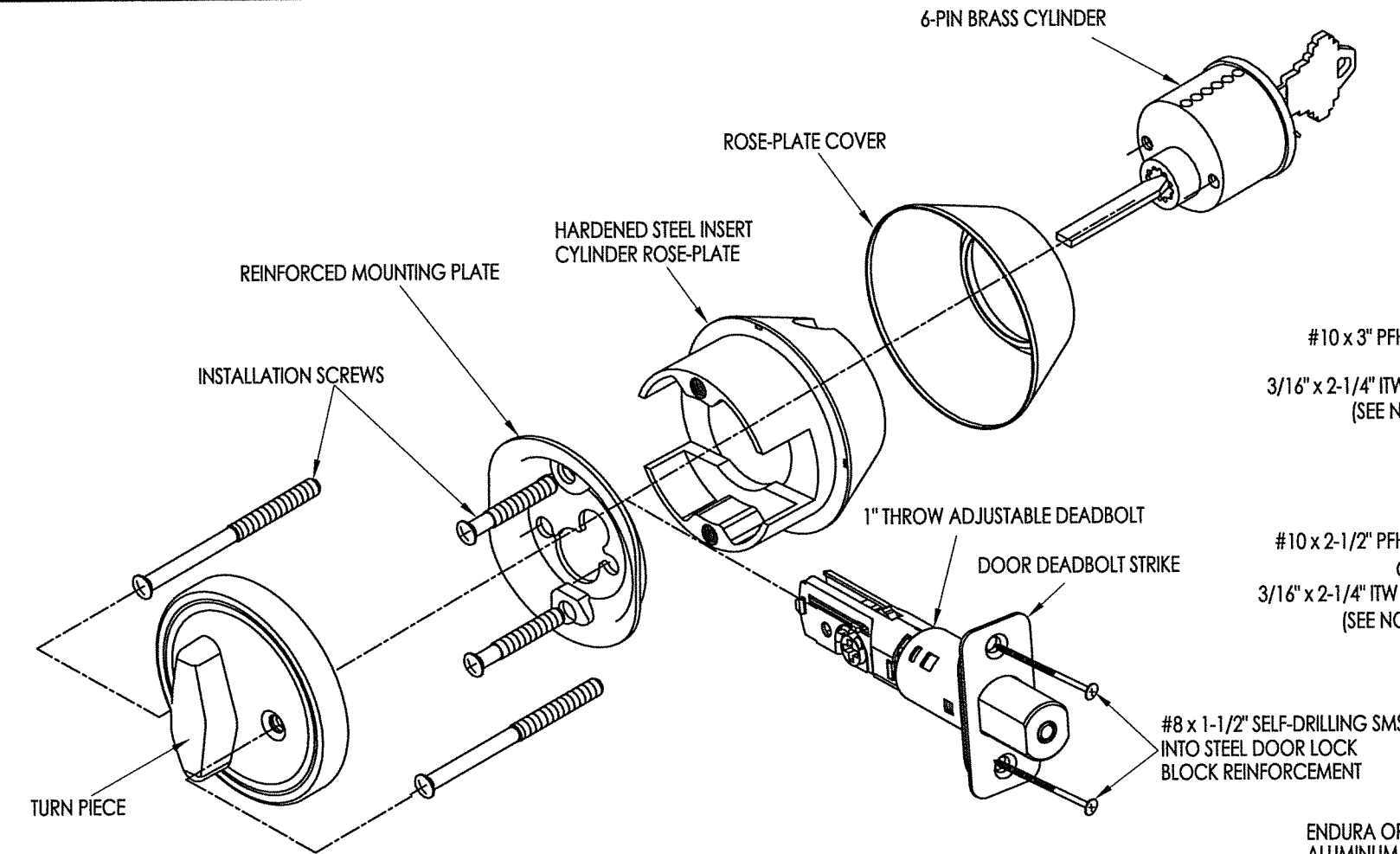
Documents Prepared By:
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P.E. No. 43409

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

PRODUCT:		PAMEX LOCK AND DEADBOLT	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	

NO.	DATE	REVISIONS
4	8/24/21	UPDATE TO 7TH ED. (2020) FBC
3	10/03/17	UPDATE TO 6TH ED. (2017) FBC
2	3/27/15	UPDATE TO 5TH ED. (2014) FBC
1	4/24/12	UPDATE TO 2010 FBC

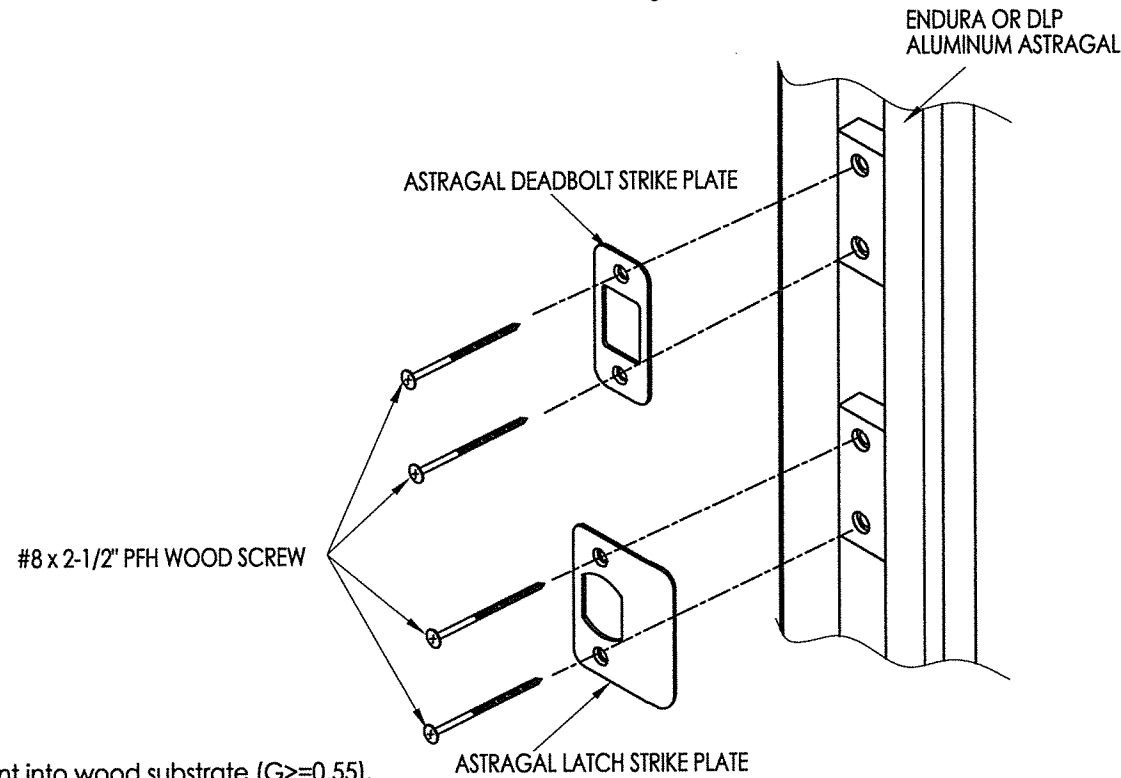
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SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14722.3
SHEET	1 OF 4



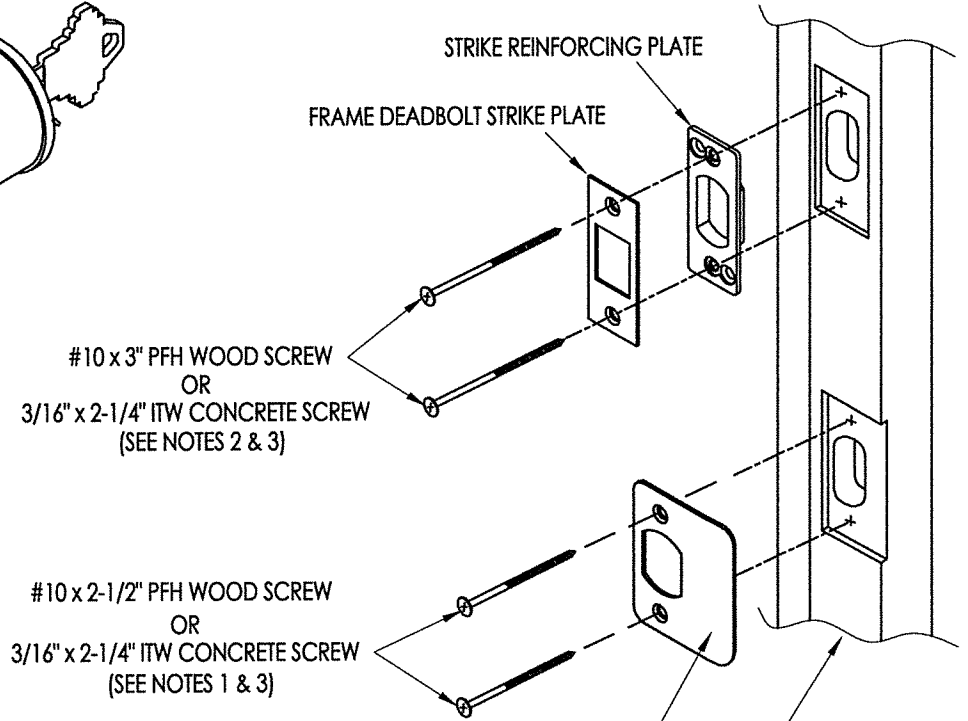
"FD7 SERIES" DEADBOLT DETAILS

NOTES :

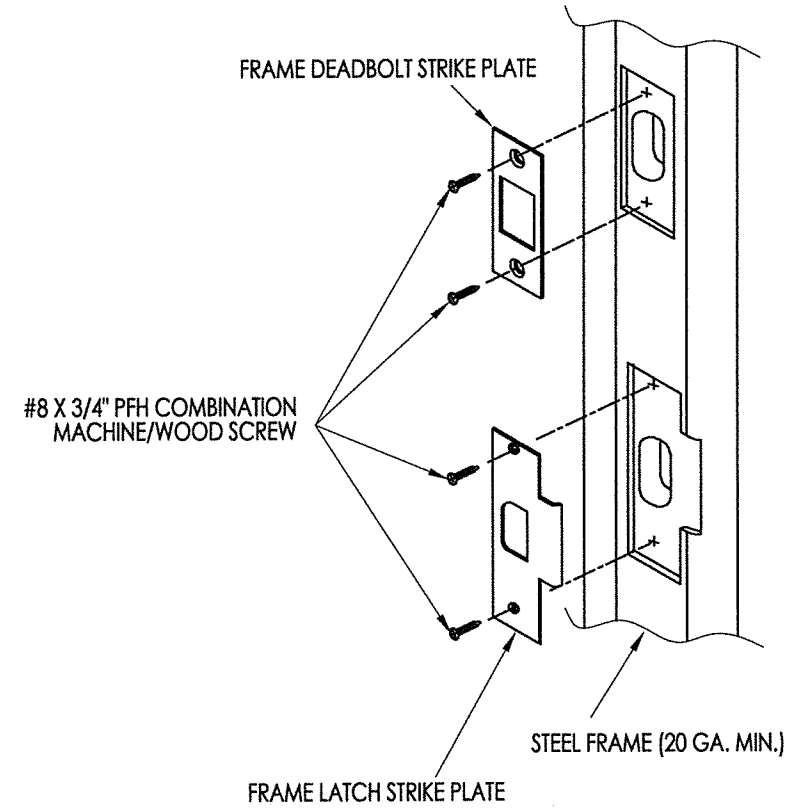
1. Wood screw installation requires 1.5" min. embedment into wood substrate ($G \geq 0.55$).
2. Wood screw installation requires 2" min. embedment into wood substrate ($G \geq 0.55$).
3. Concrete screw installation requires 1.25" min. embedment into concrete (conforming to ACI 301, 3000 psi min.) or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



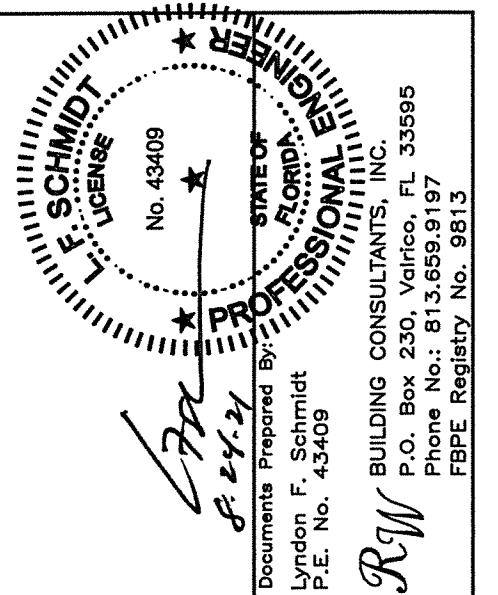
DOUBLE DOOR INSTALLATION DETAILS



SINGLE DOOR WOOD FRAME INSTALLATION DETAILS



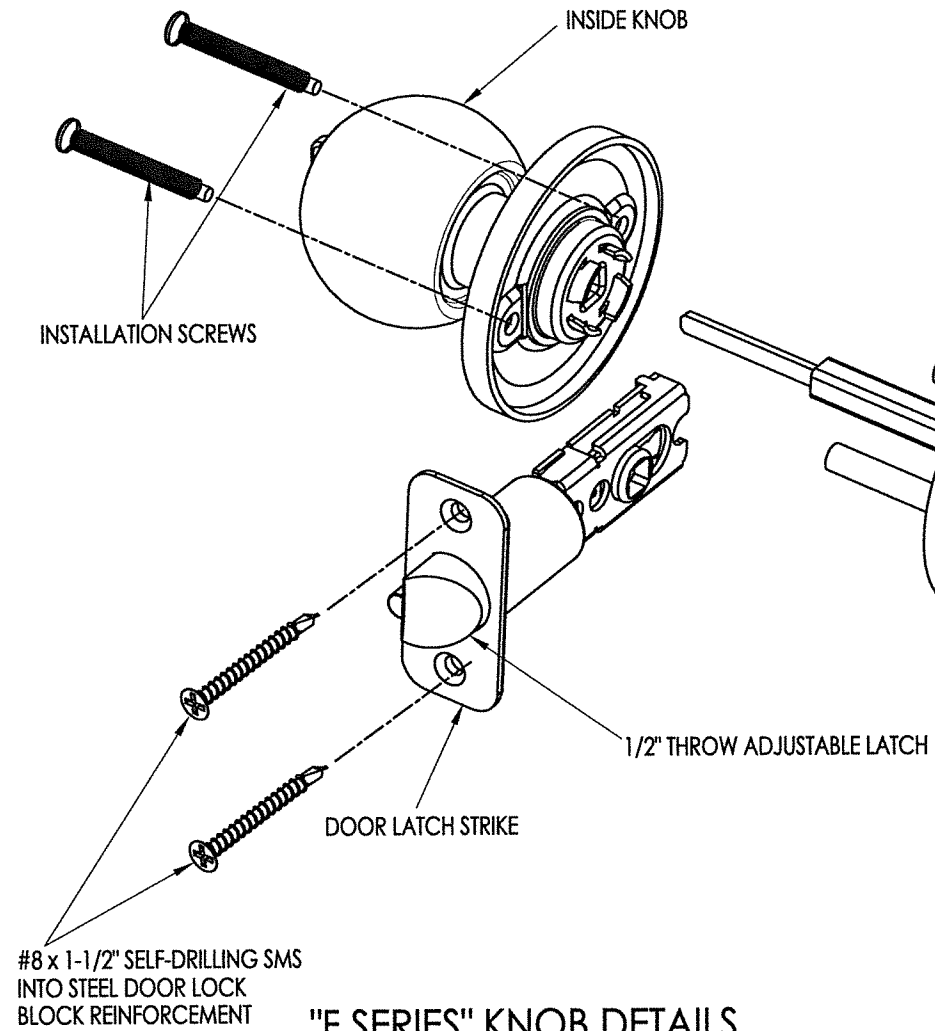
SINGLE DOOR STEEL FRAME INSTALLATION DETAILS



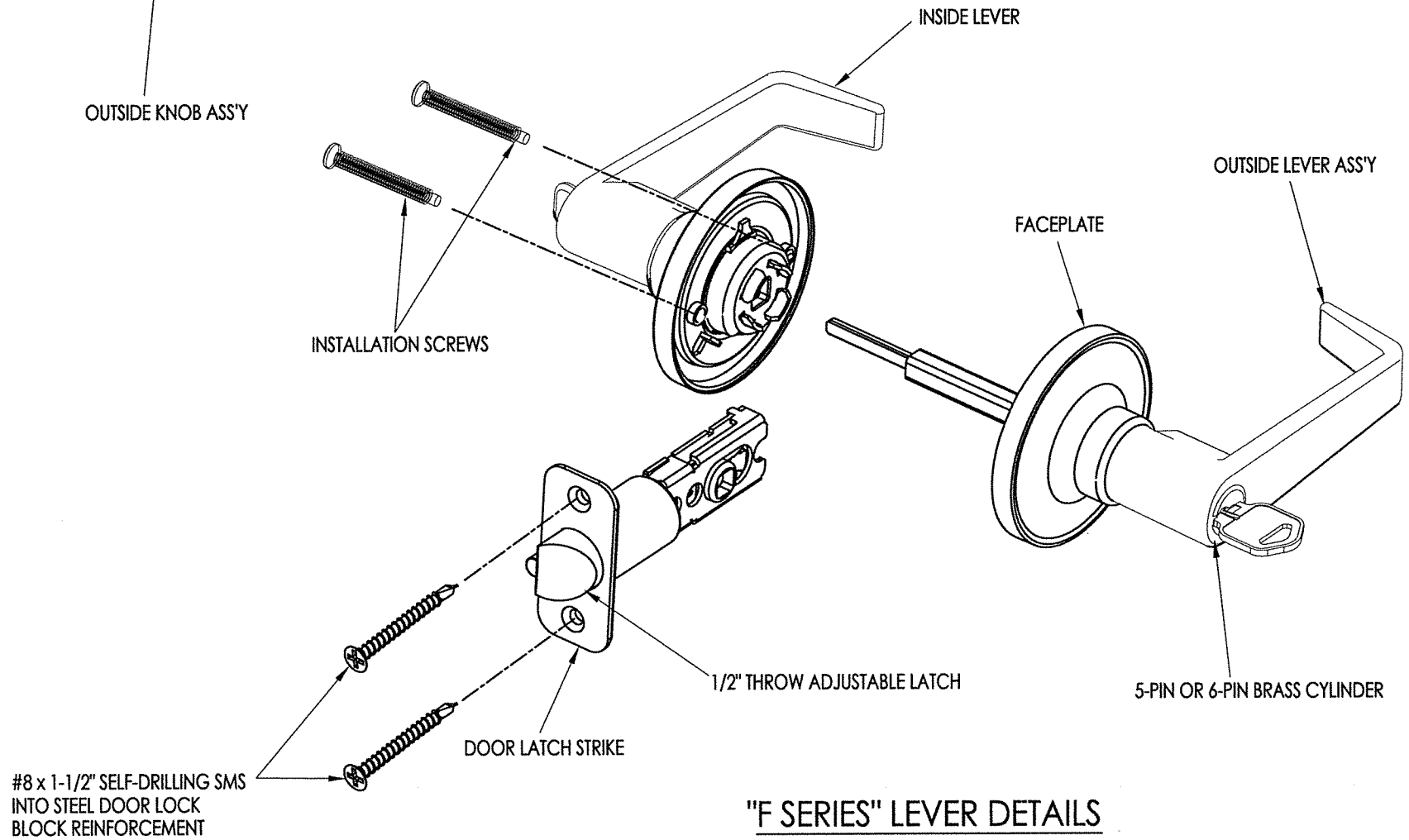
Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
PRODUCT:		PAMEX		LOCK AND DEADBOLT	
PART OR ASSEMBLY:		"FD7 SERIES" DEADBOLT		& INSTALLATION DETAILS	

NO.	DATE	REVISIONS
4	8/24/21	UPDATE TO 7TH ED. (2020) FBC LFS
3	10/03/17	UPDATE TO 6TH ED. (2017) FBC LFS
2	3/18/15	UPDATE TO 5TH ED. (2014) FBC JK
1	4/24/12	UPDATE TO 2010 FBC JK

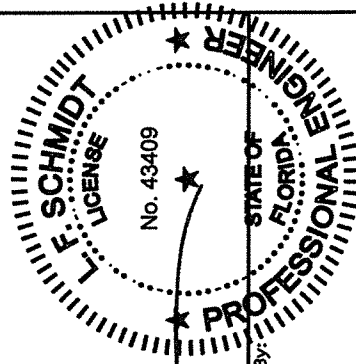
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DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14722.3
SHEET	2 OF 4



"F SERIES" KNOB DETAILS



"F SERIES" LEVER DETAILS

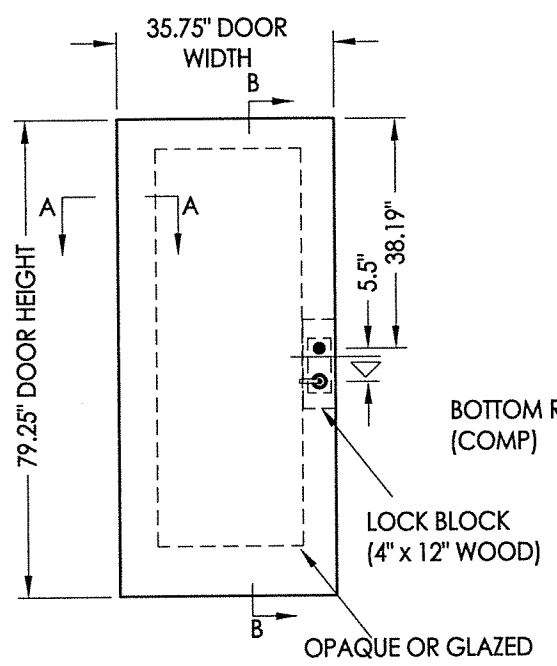
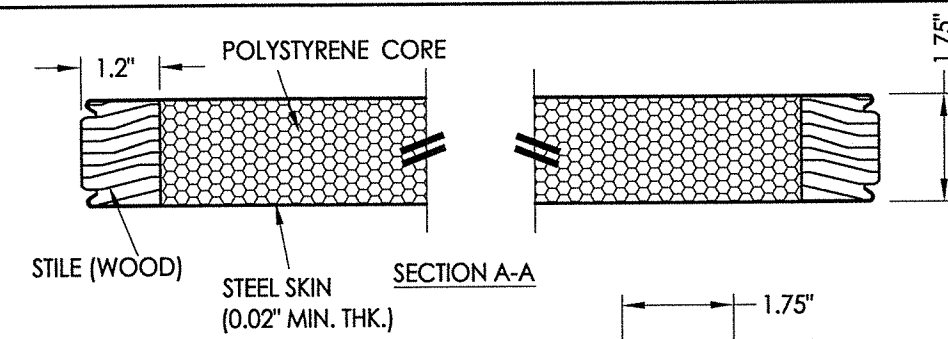


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8/24/21

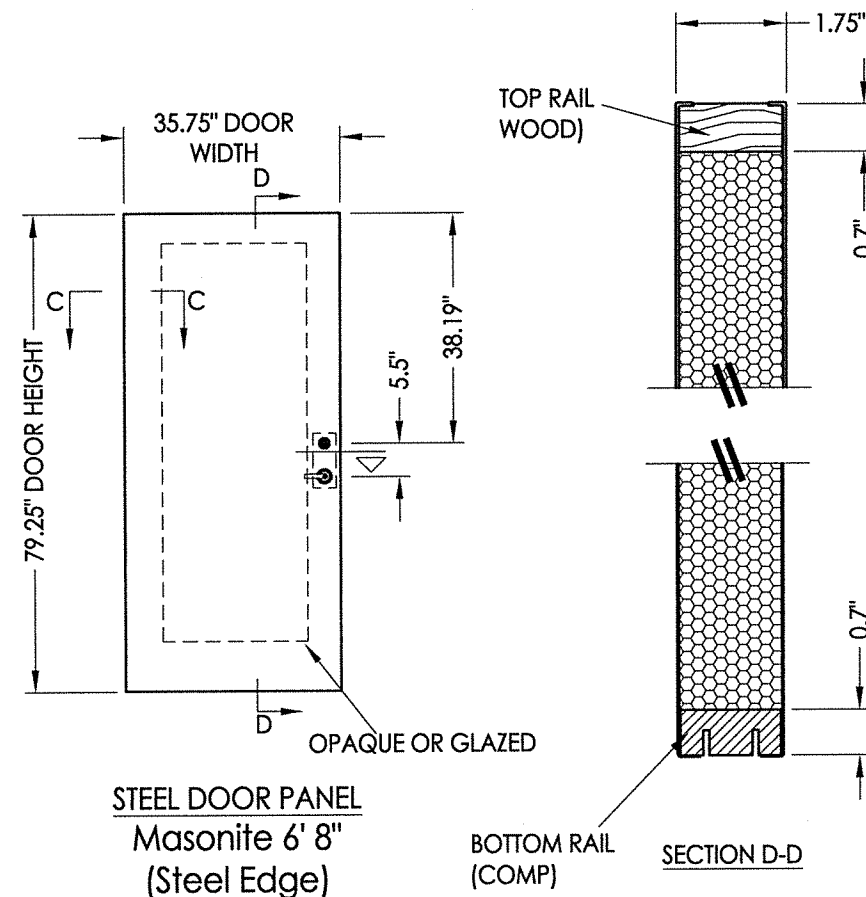
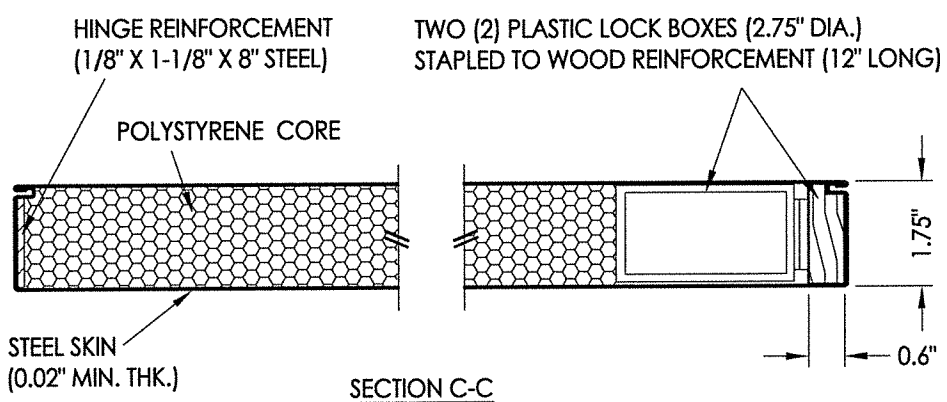
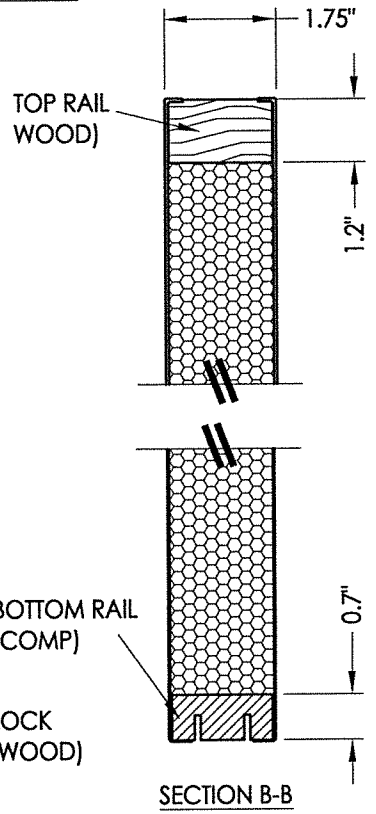
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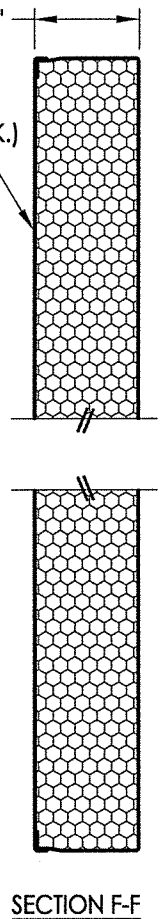
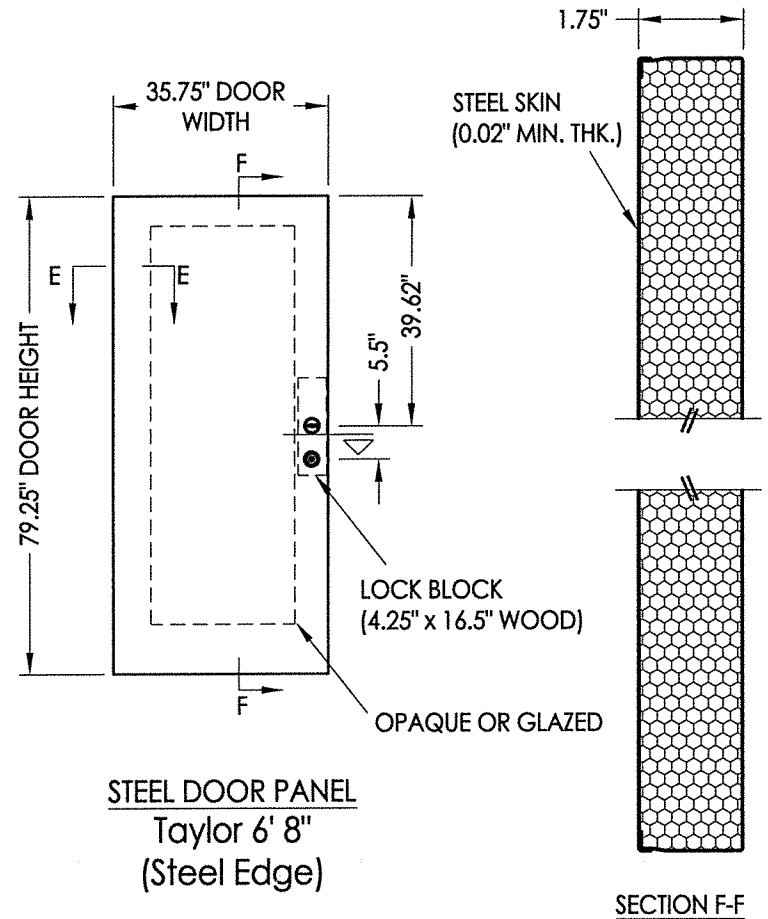
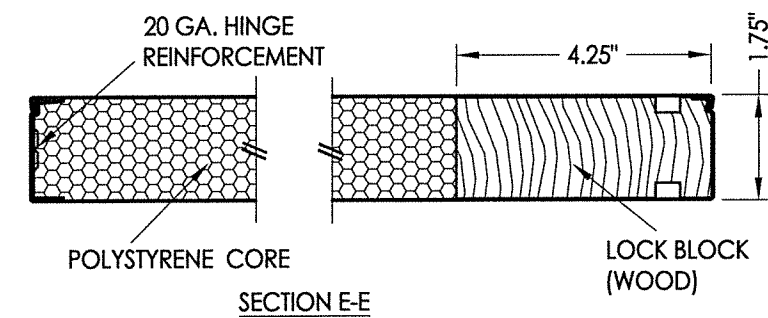
PRODUCT:		PAMEX	
		LOCK AND DEADBOLT	
		PART OR ASSEMBLY:	
		"F SERIES"	
		KNOB & LEVER DETAILS	
		REVISIONS	
		NO.	DATE
4	8/24/21	UPDATE TO 7TH ED. (2020) FBC	LFS
3	10/03/17	UPDATE TO 6TH ED. (2017) FBC	LFS
2	3/18/15	UPDATE TO 5TH ED. (2014) FBC	JK
1	4/24/12	UPDATE TO 2010 FBC	JK
		BY	
DATE:		8/01/11	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-14722.3	
SHEET		3	OF 4



STEEL DOOR PANEL
Masonite 6' 8"
(Wood Edge)



STEEL DOOR PANEL
Masonite 6' 8"
(Steel Edge)



SECTION F-F

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8-24-21

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PRODUCT:		PART OR ASSEMBLY:	
PAMEX LOCK AND DEADBOLT		STEEL DOOR PANEL DETAILS	
NO.	DATE	BY	REVISIONS
4	8/24/21	JK	UPDATE TO 7TH ED. (2020) FBC
3	10/03/17	LFS	UPDATE TO 6TH ED. (2017) FBC
2	3/27/15	JK	UPDATE TO 5TH ED. (2014) FBC
1	4/24/12	JK	UPDATE TO 2010 FBC
DATE: 8/01/11			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14722.3			
SHEET 4 OF 4			