

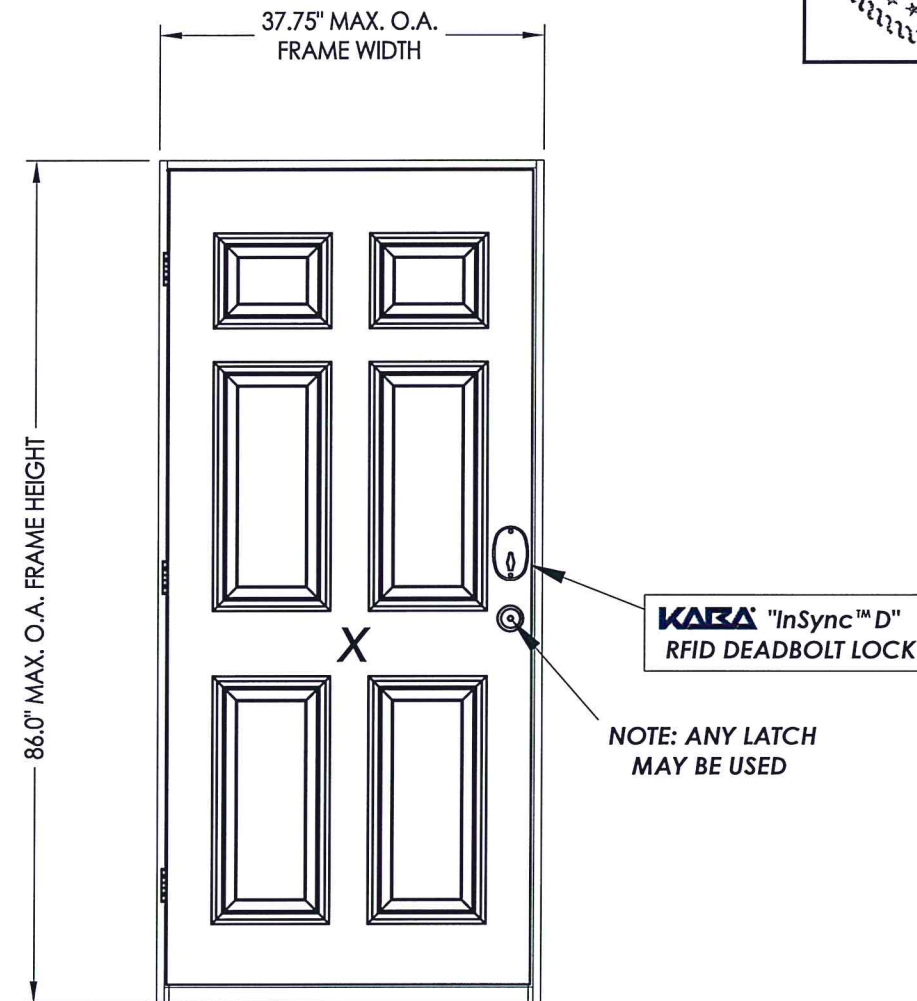


Kaba Access and Data Systems
 2941 Indiana Avenue, Winston-Salem, NC 27105
 Ph. 800.849.8324

"InSync™ D" RFID DEADBOLT LOCK

in a
 FIBERGLASS DOOR

IN SWING / OUT SWING
 "IMPACT"



KABA "InSync™ D"
 RFID DEADBOLT LOCK

NOTE: ANY LATCH
 MAY BE USED

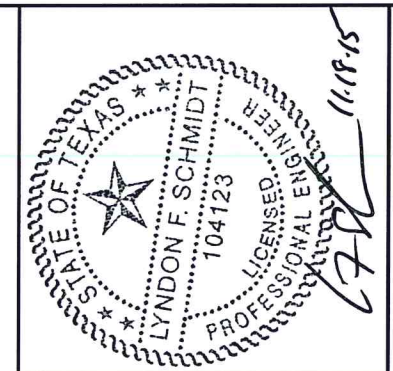
EVALUATED FOR USE IN THE STATE OF TEXAS

The Fiberglass Door System described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) subject to the following conditions:

1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. This system has been tested and evaluated as a large missile impact protective system for installation in the Seaward, Inland I and Inland II areas. This product meets missile level "D" as defined in ASTM E 1996.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Vertical cross sections
4	Horizontal cross section
5	Frame anchoring details
6	Bill of materials and components

MAX FRAME DIMENSION	DOOR PANEL MANUFACTURER	SWING	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
37.75" x 81.18"	Plastpro	OUTSWING	+60.0	-60.0
37.75" x 86.0"	Therma-Tru	IN SWING	+65.0	-75.0



Documents Prepared By: Lyndon F. Schmidt, P.E.
 TEXAS P.E. #104123

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 P.O. Box 230 Vairico FL, 33595
 Phone No.: 813.659.9197

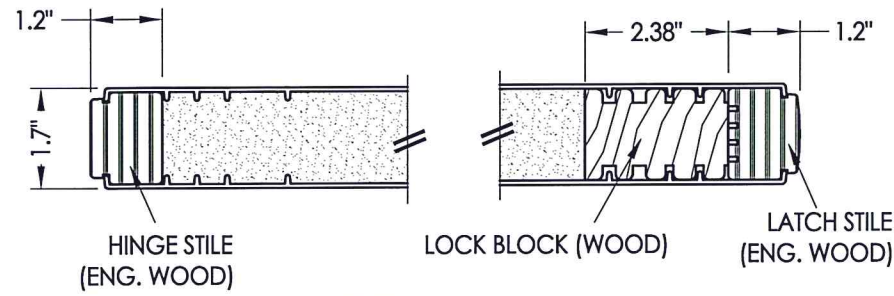
TEXAS BOARD OF PROFESSIONAL ENGINEERS
 CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: KABA RFID LOCK FIBERGLASS DOOR

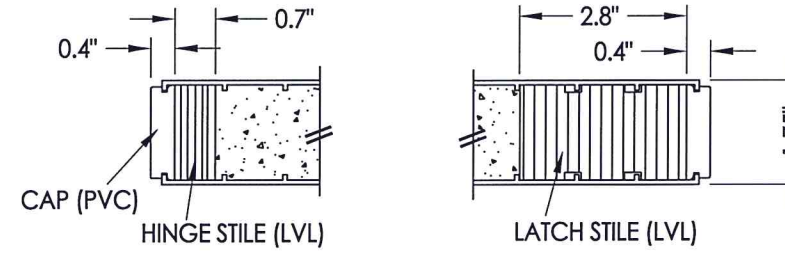
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

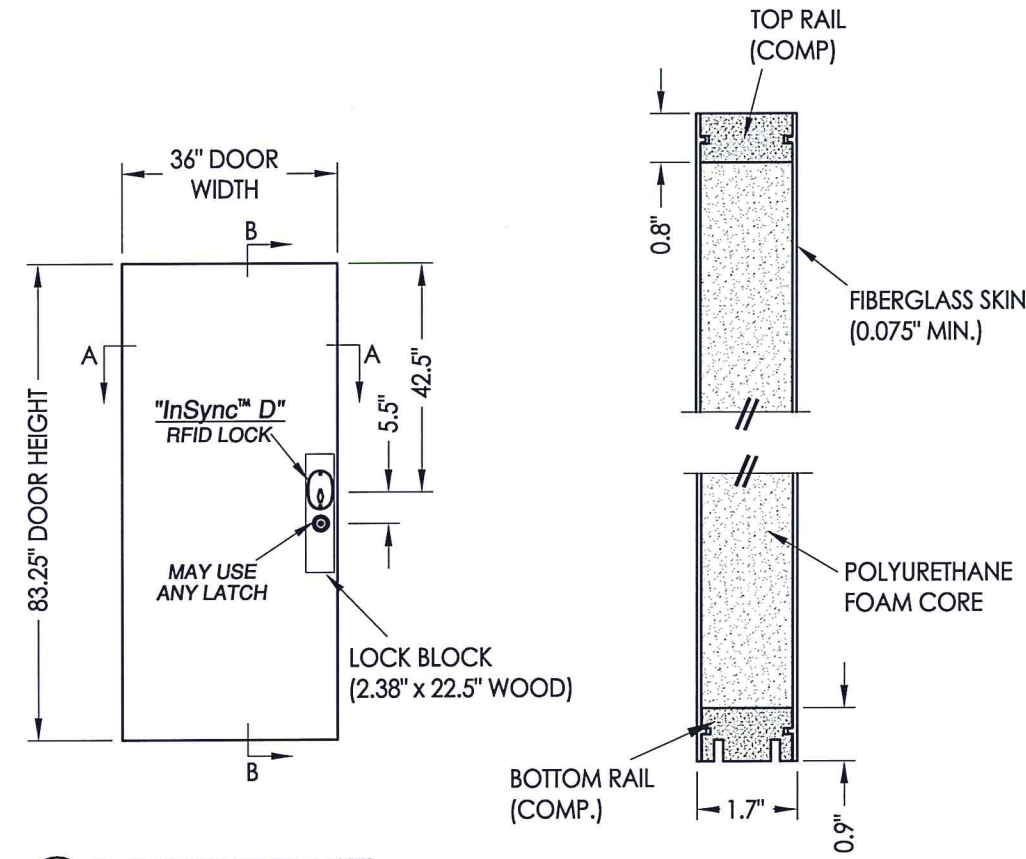
DATE: 1/07/15
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: TX-4522
 SHEET 1 OF 6



SECTION A-A



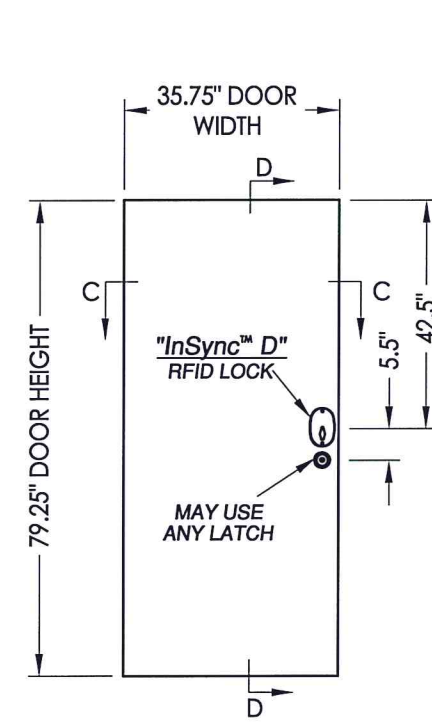
SECTION C-C



40 FIBERGLASS DOOR PANEL
Therma-Tru 7' 0"

SECTION B-B

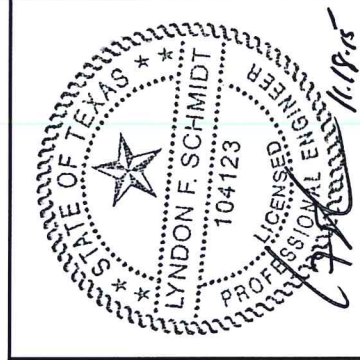
DOOR TESTED WITHOUT LATCH - MAY USE ANY LATCH



41 FIBERGLASS DOOR PANEL
Plastpro 6' 8"

SECTION D-D

DOOR TESTED WITHOUT LATCH - MAY USE ANY LATCH



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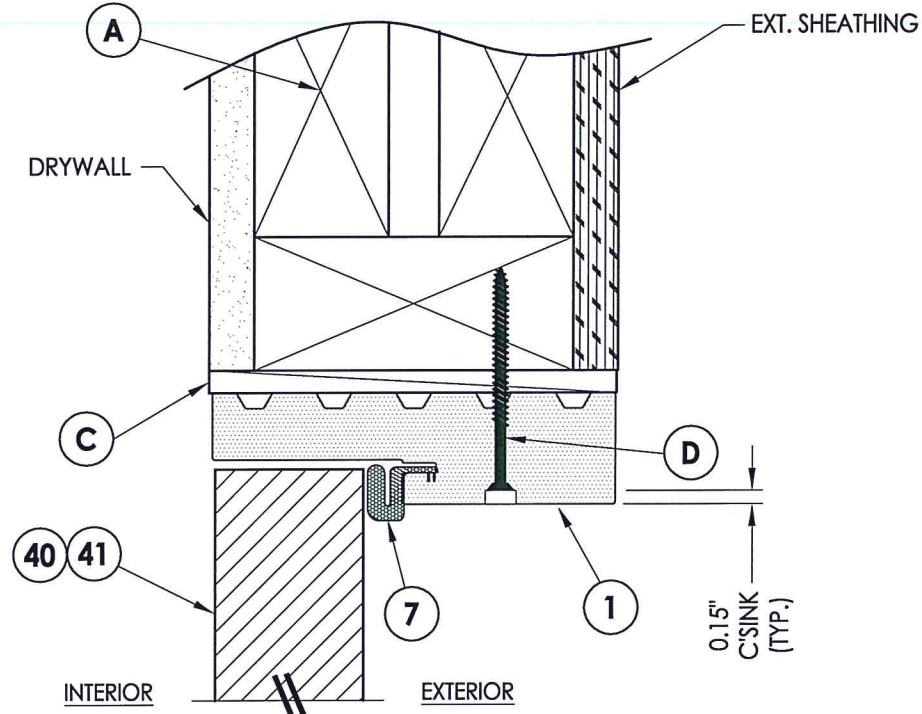
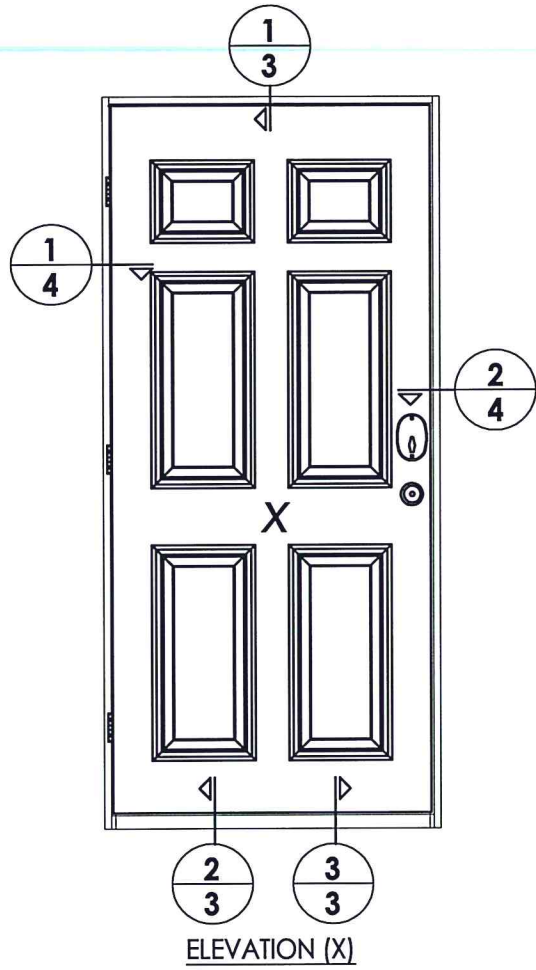
PRODUCT: KABA RFID LOCK
FIBERGLASS DOOR

PART OR ASSEMBLY:

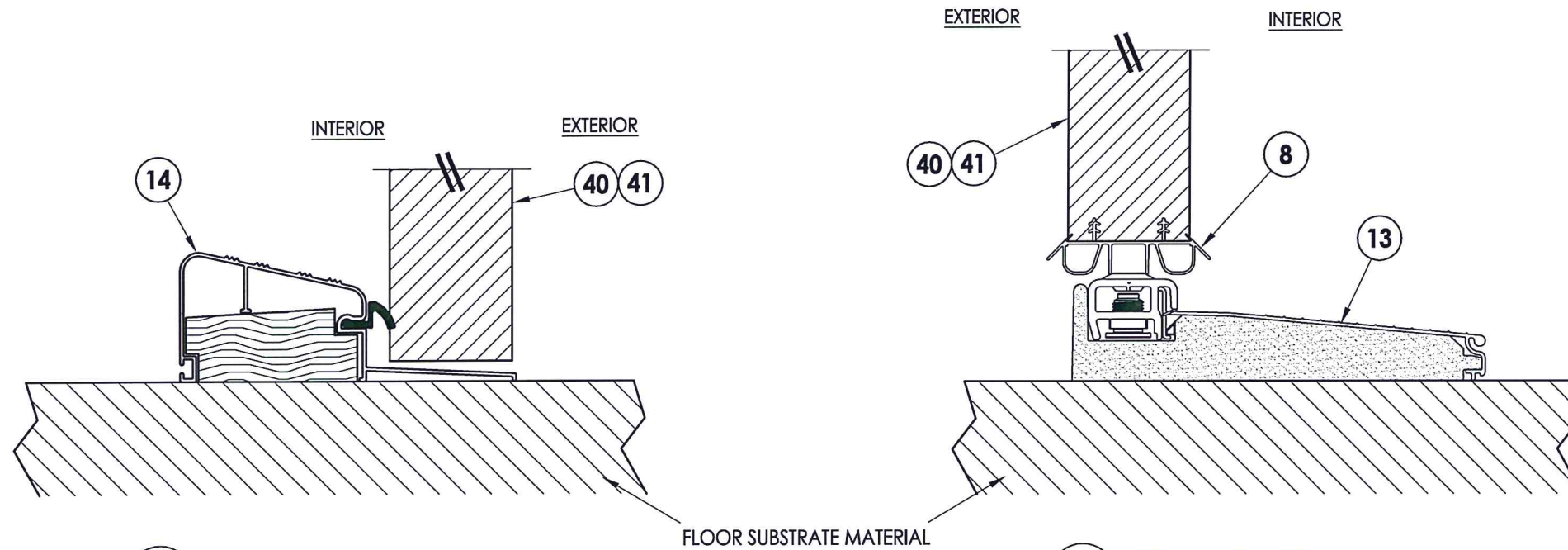
DOOR PANELS DETAILS

NO.	DATE	BY	REVISIONS

DATE: 1/07/15
SCALE: N.T.S.
DWG. BY: JK
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DRAWING NO.: TX-4522
SHEET 2 OF 6

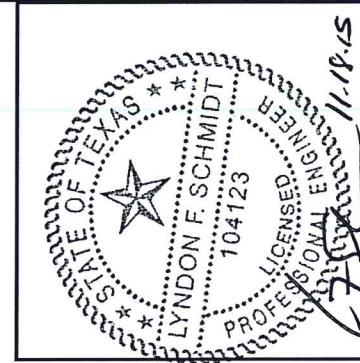


1 VERTICAL CROSS SECTION
3 Inswing shown (Outswing similar)



2 VERTICAL CROSS SECTION
3 Outswing configuration

3 VERTICAL CROSS SECTION
3 Inswing configuration



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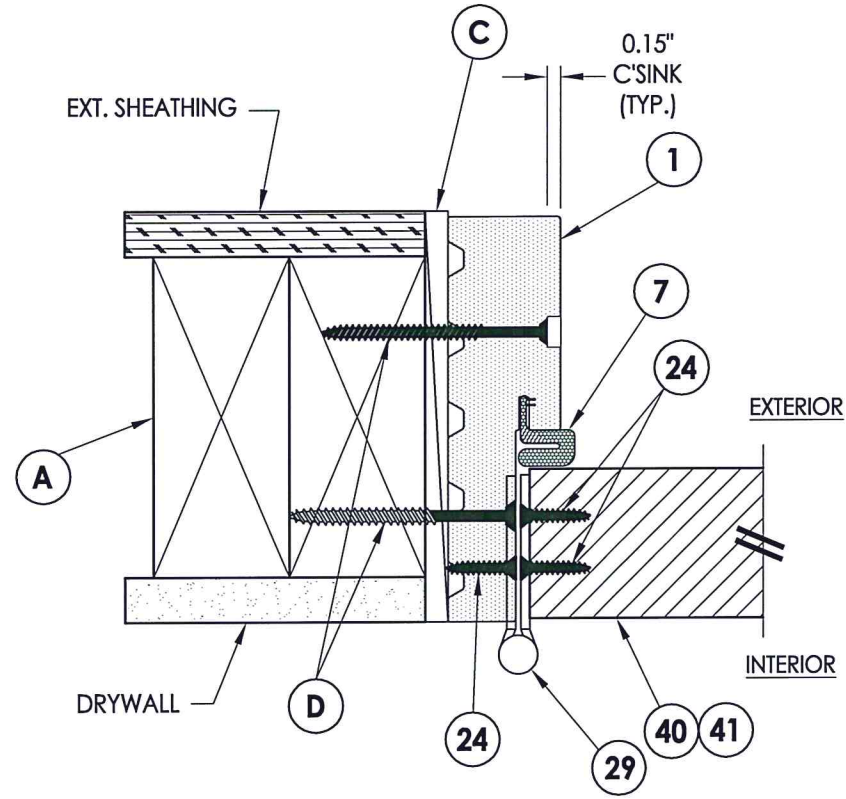
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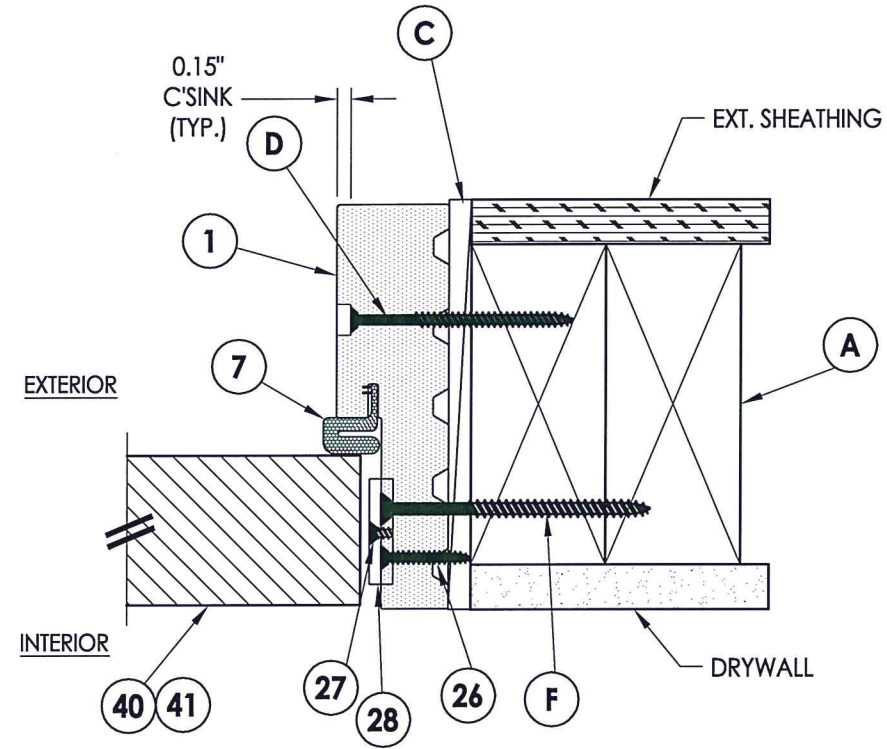
PRODUCT: KABA RFID LOCK FIBERGLASS DOOR
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 1/07/15
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DWG. BY: JK
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SHEET 3 OF 6



1 HORIZONTAL CROSS SECTION
4 Inswing shown (Outswing similar)



2 HORIZONTAL CROSS SECTION
4 Inswing shown (Outswing similar)



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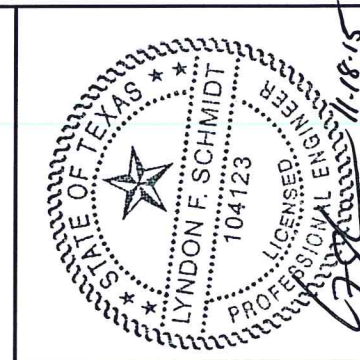
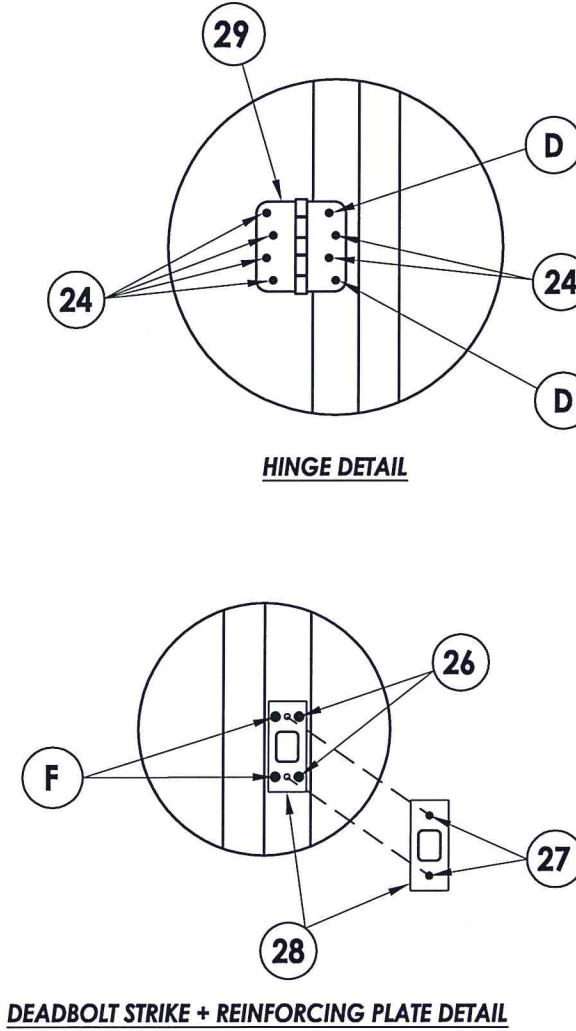
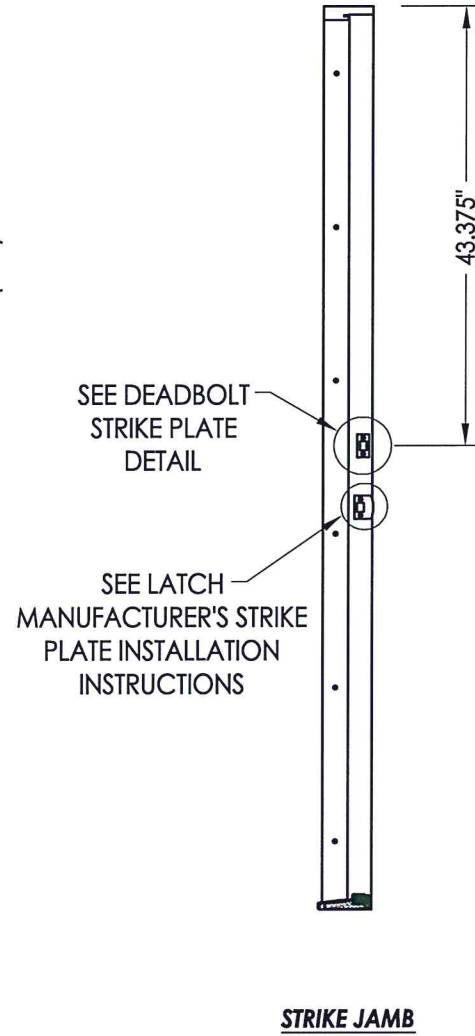
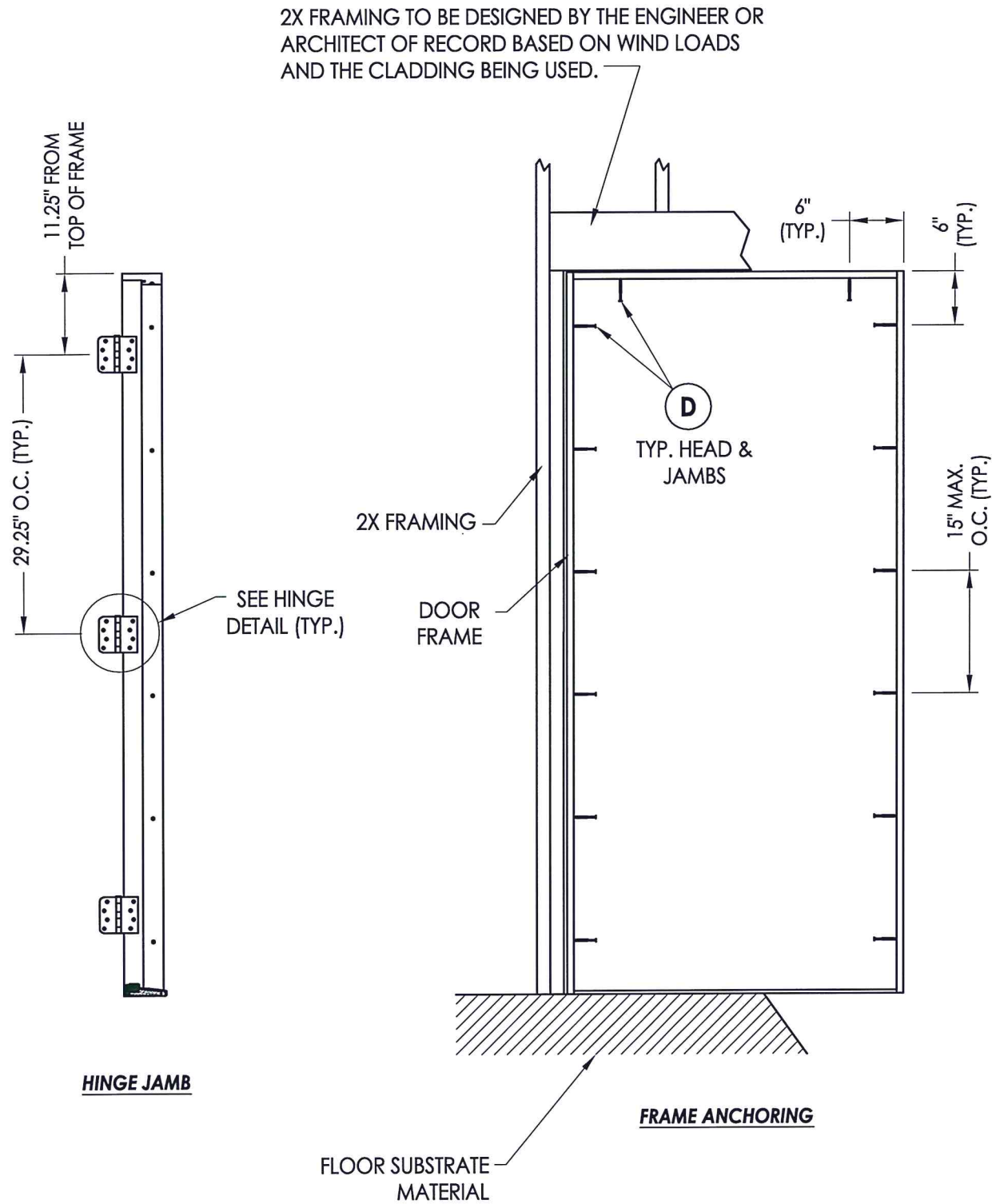
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PRODUCT: KABA RFID LOCK FIBERGLASS DOOR
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 1/07/15
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 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: TX-4522
 SHEET 4 OF 6



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PRODUCT: KABA RFID LOCK FIBERGLASS DOOR

PART OR ASSEMBLY: FRAME ANCHORING DETAILS

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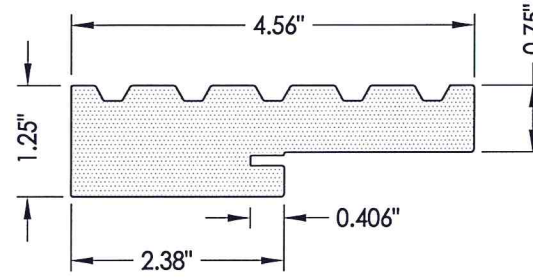
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CHK. BY: LFS

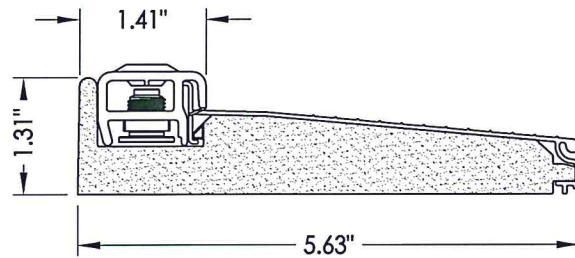
DRAWING NO.: TX-4522

SHEET 5 OF 6

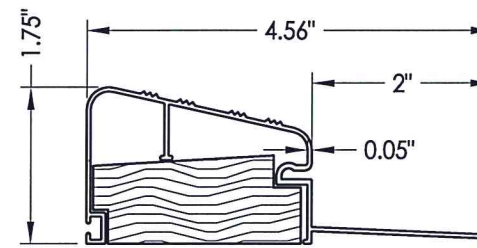
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
F	#10 X 3" PFH WOOD SCREW	STEEL
1	COMPOSITE JAMB	COMP
7	WEATHERSTRIP (Q-LON)	FOAM
8	SWEEP	VINYL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
23	#10 X 1-1/2" PPH SMS	STEEL
24	#10 x 3/4" PFH SMS	STEEL
26	#8 x 1" PFH WOOD SCREW	STEEL
27	#8-32 x 7/8" MACHINE SCREW	STEEL
28	DEADBOLT STRIKE + REINFORCING PLATE	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL (THERMA-TRU)	-
41	DOOR PANEL (PLASTPRO)	-



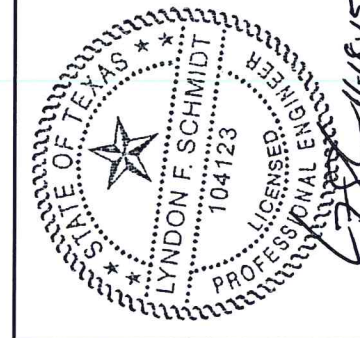
1 **COMPOSITE JAMB**
"4EVER" (WORLDWIDE)



13 **INSWING THRESHOLD**
Endura (Z-FEN Series)



14 **OUTSWING THRESHOLD**
DLP



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PRODUCT: KABA RFID LOCK
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 1/07/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4522
SHEET 6 OF 6