

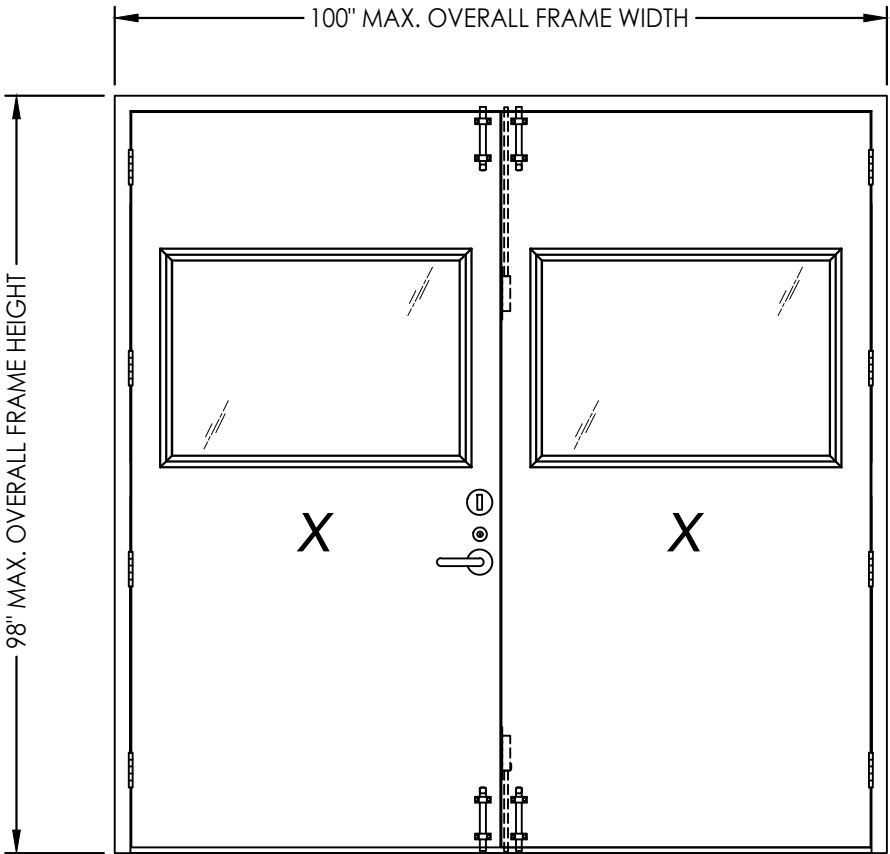


EXTREME DUTY HURRICANE SERIES
FIBERGLASS DOUBLE DOOR
OUTSWING
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 & R301.2.12.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

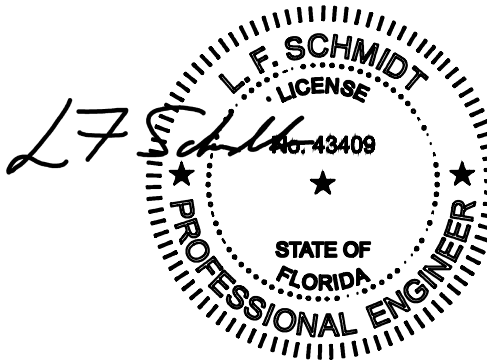
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Horizontal cross sections
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5	Frame anchoring & hardware details
6	Bill of materials & components



GLAZED PANELS SHOWN
(OPAQUE SIMILAR)

MAX FRAME DIMENSION	DOOR TYPE	DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE
100" x 98"	OPAQUE	+90.0	-90.0
100" x 98"	GLAZED	+90.0	-90.0

SURFACE BOLTS REQUIRED AT TOP & BOTTOM OF EACH DOOR



Digitally signed by Lyndon F Schmidt
Date: 2023.08.23 14:37:37 -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

PRODUCT:
TIGER DOOR
FIBERGLASS DOOR

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

DATE: 2/19/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

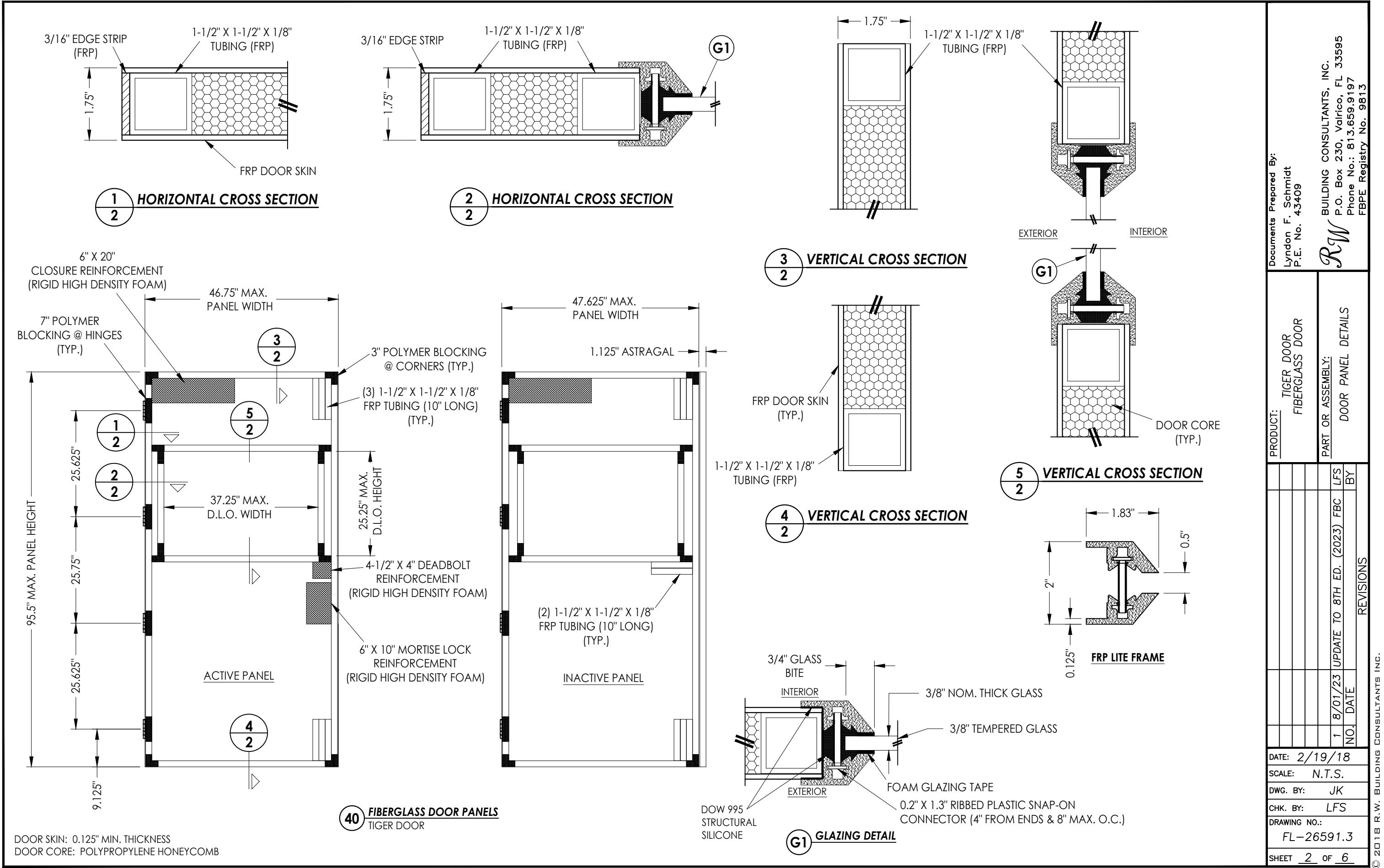
DRAWING NO.: FL-26591.3

SHEET 1 OF 6

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

REVISIONS

Z:\2023 FBC Drawings\Tiger Door LLC\FL-26591 R2\FL-26591.1-5.dwg



Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT: TIGER DOOR
FIBERGLASS DOOR
PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS	LFS	BY
1	8/01/23	UPDATE TO 8TH ED. (2023)	FBC	

DATE: 2/19/18

SCALE: N.T.S.

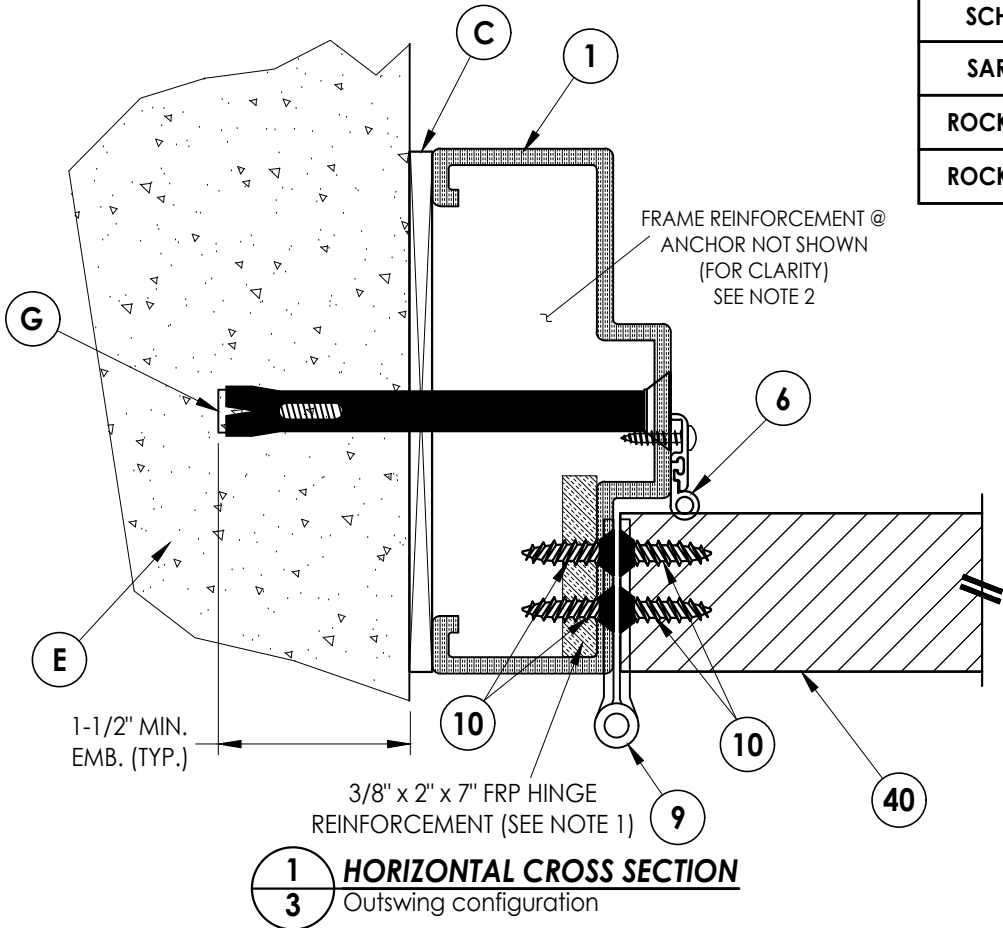
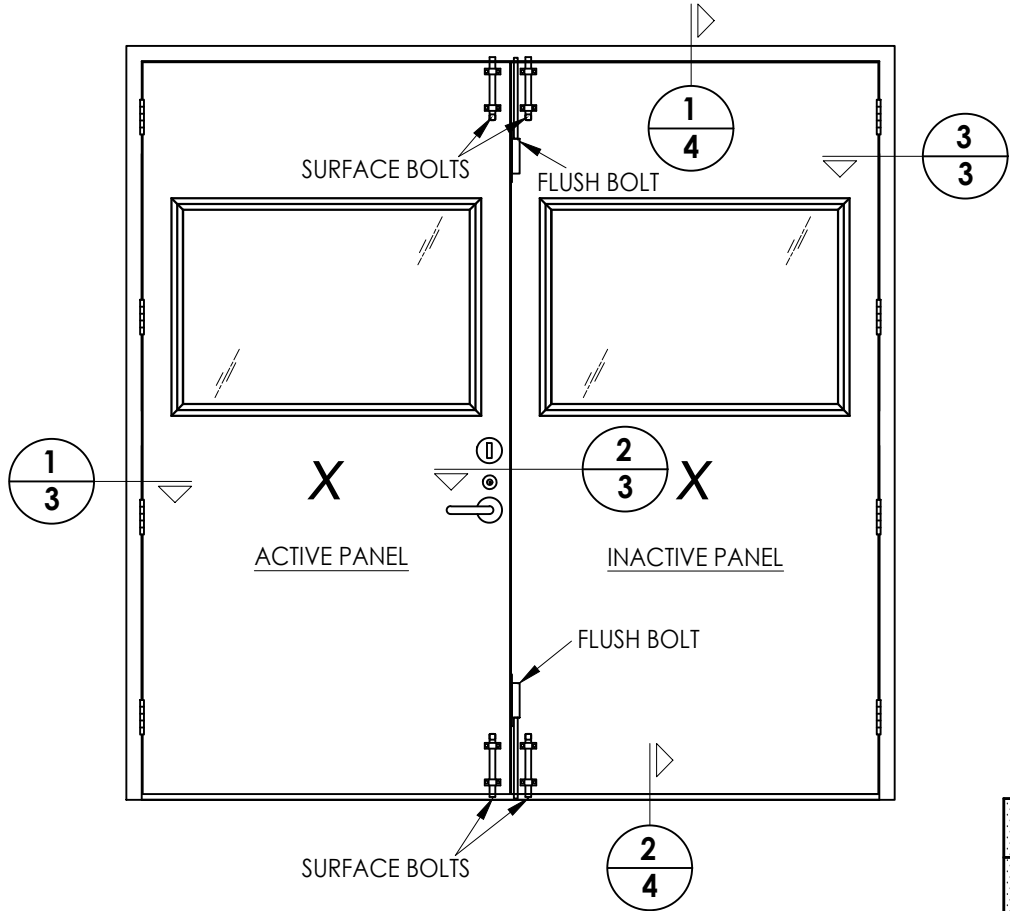
DWG. BY: JK

CHK. BY: LFS

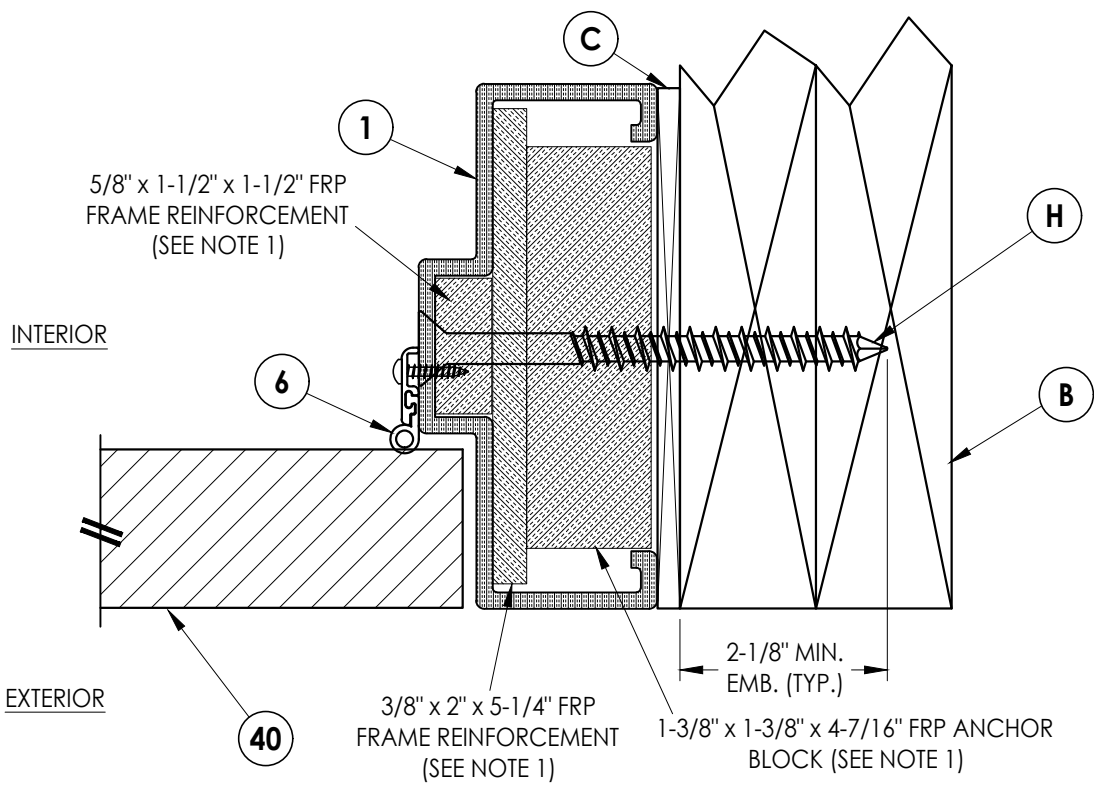
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SHEET 2 OF 6

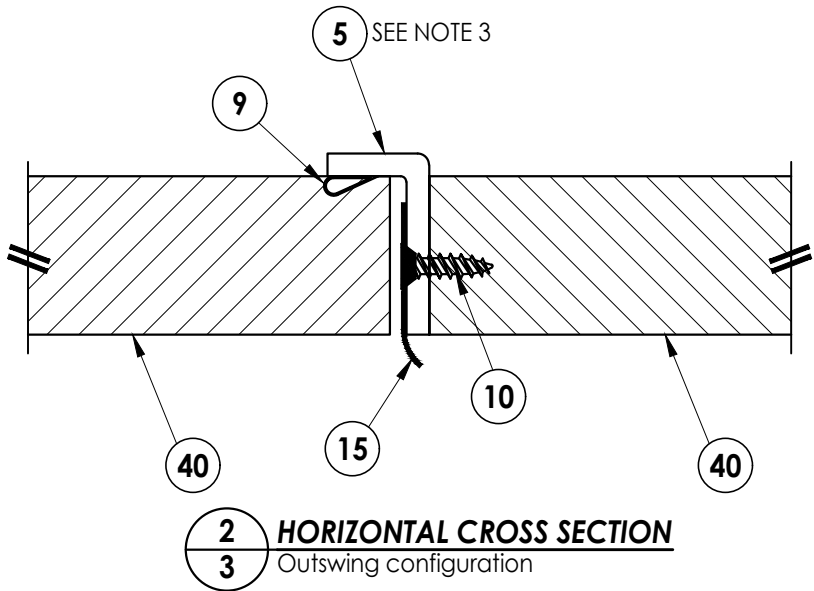
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HARDWARE CHART		
MANUFACTURER	MODEL	
SCHLAGE	MORTISE LOCK:	L 9000 SERIES
SARGENT	DEADBOLT:	480 SERIES
ROCKWOOD	SURFACE BOLTS:	580-8
ROCKWOOD	FLUSH BOLTS:	556WS



- NOTES:
- ALL FRP REINFORCEMENTS/ANCHOR BLOCKS ARE SECURED TO THE FRAME WITH LORD 7542A/B URETHANE ADHESIVE.
 - FRAME REINFORCEMENTS SHOWN IN SECTION 3/3 ARE REQUIRED AT EACH ANCHOR LOCATION.
 - FRP ASTRAGAL IS SECURED TO THE INACTIVE DOOR WITH LORD 7542/7545 URETHANE ADHESIVE.



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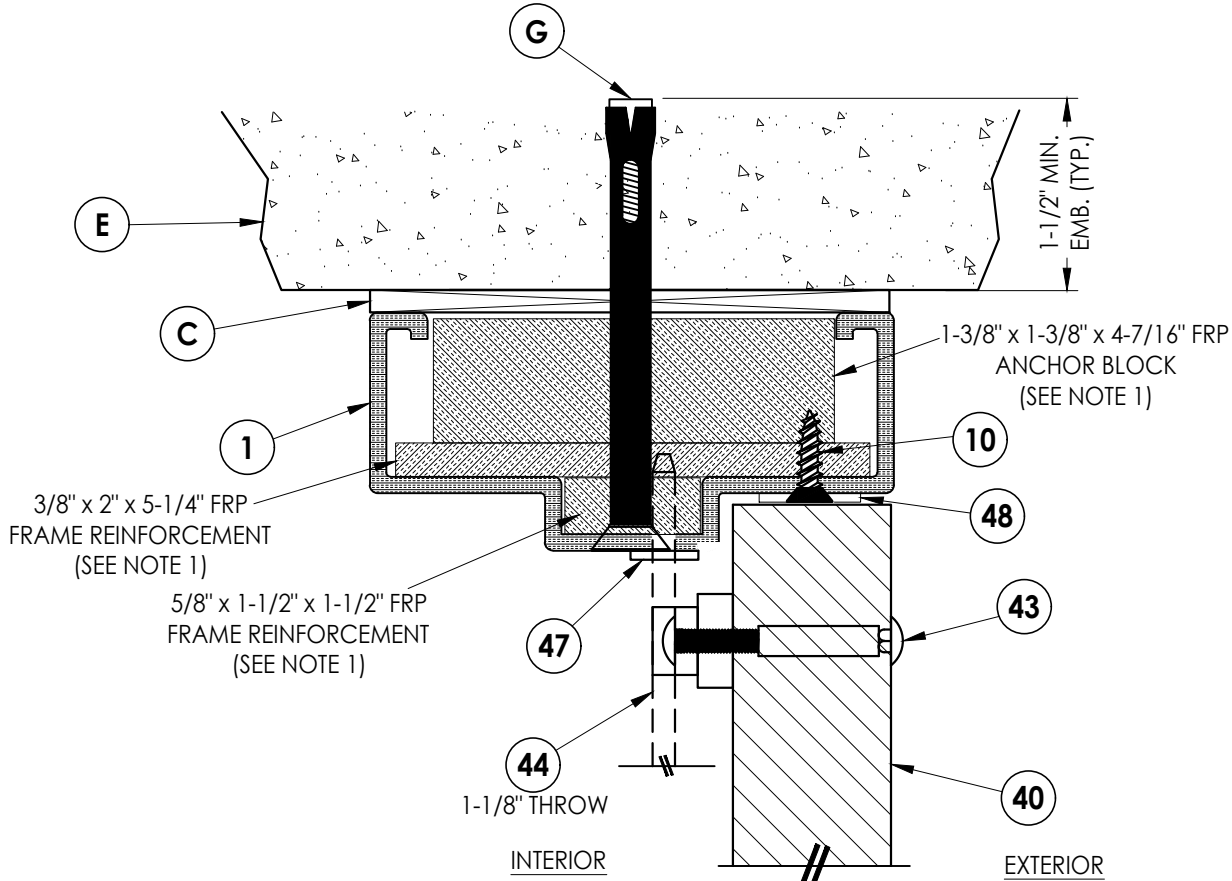
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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FBPE Registry No. 9813

PRODUCT: TIGER DOOR
FIBERGLASS DOOR

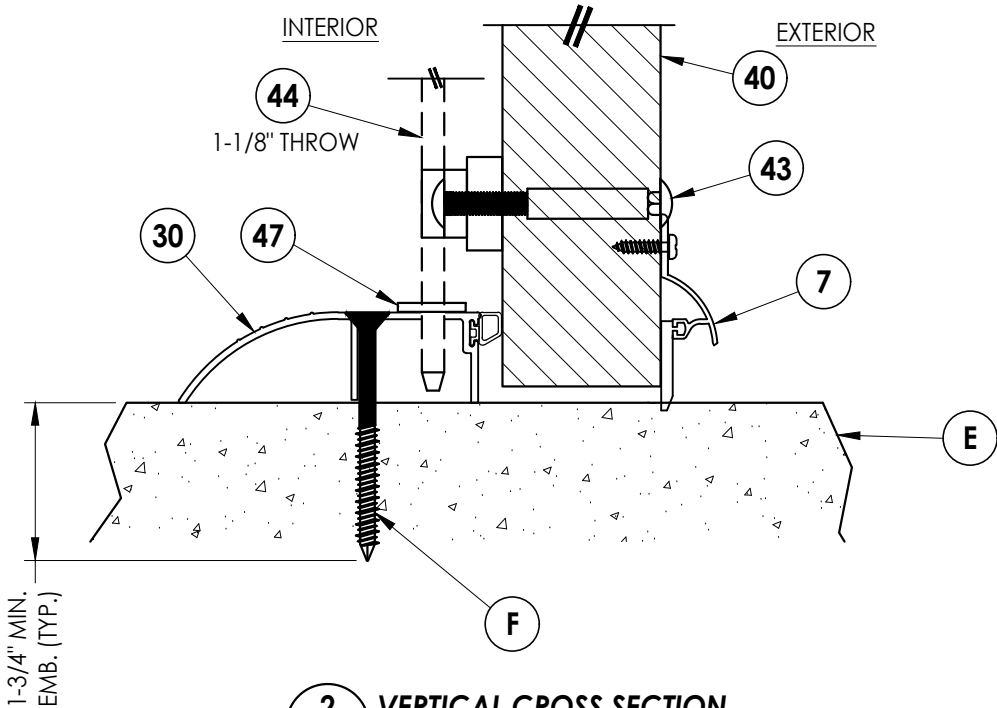
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
1	8/01/23	UPDATE TO 8TH ED. (2023) FBC

DATE: 2/19/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-26591.3
SHEET 3 OF 6



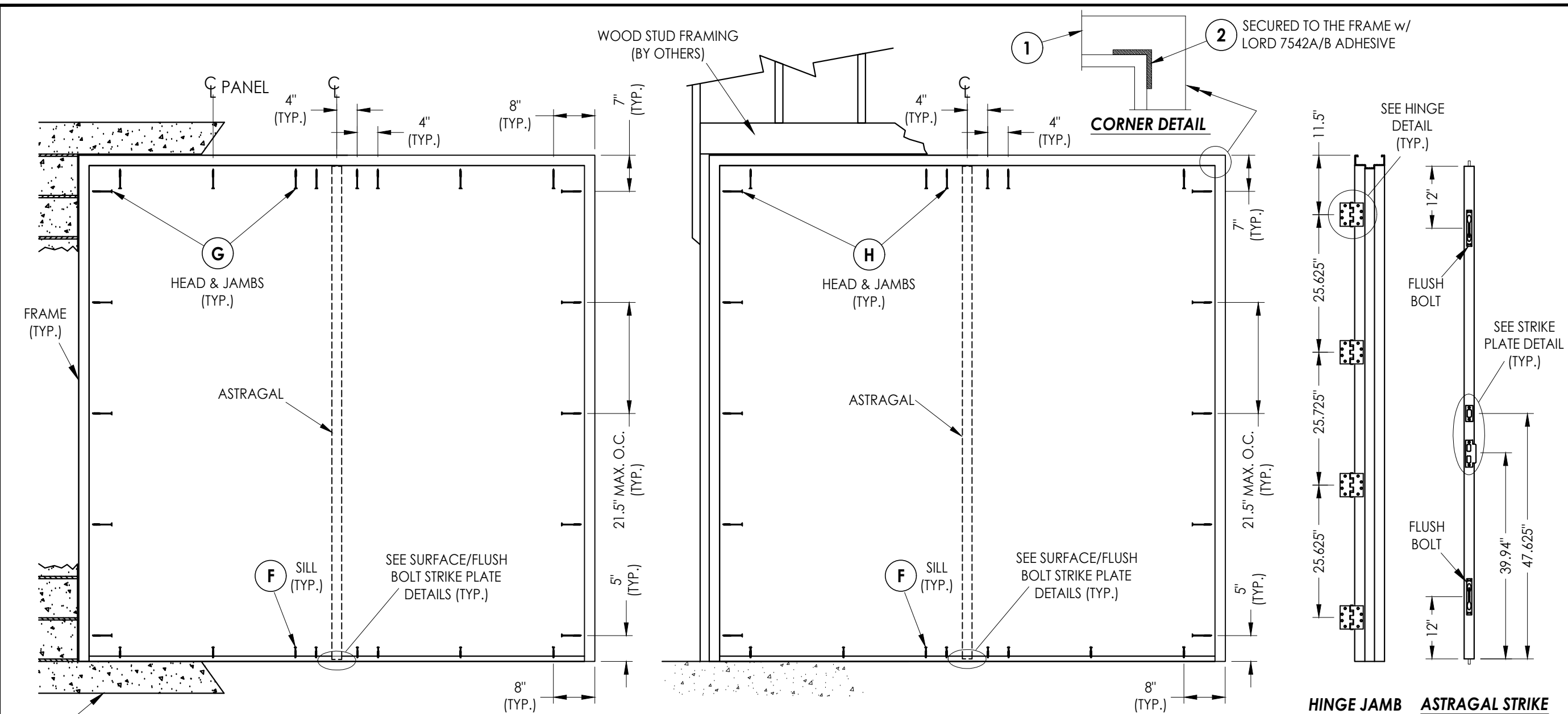
1
4 VERTICAL CROSS SECTION
Outswing configuration



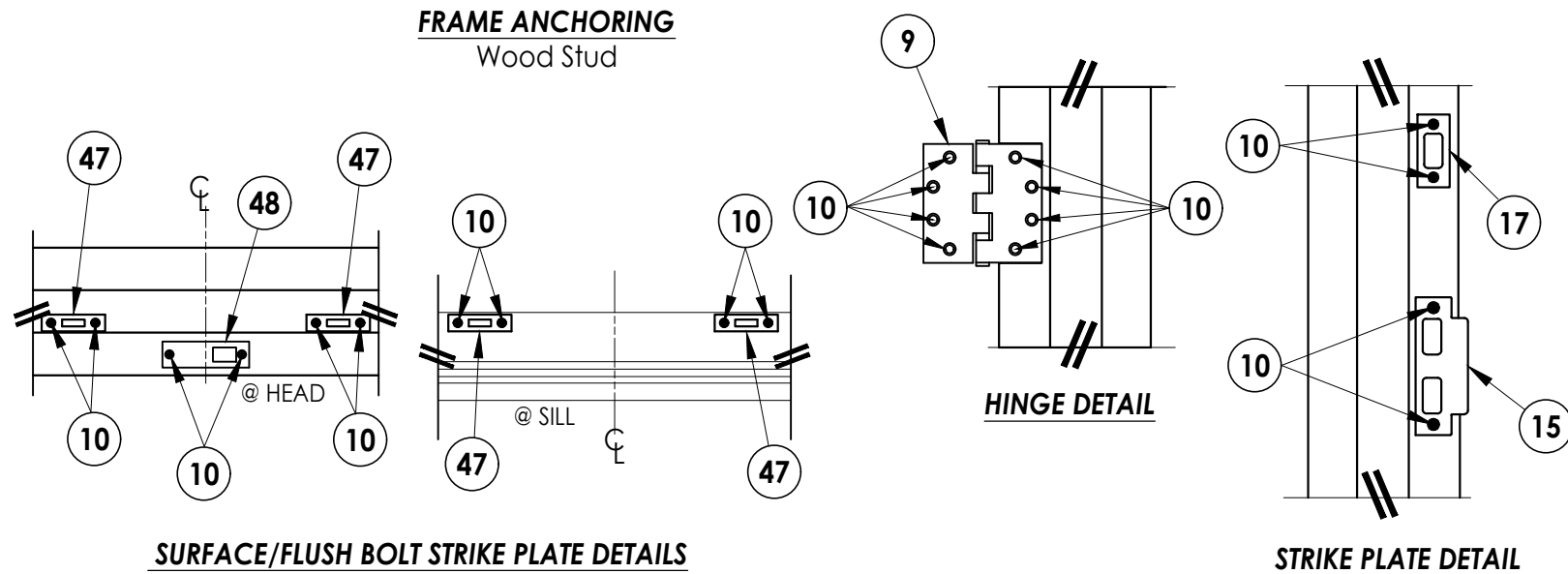
2
4 VERTICAL CROSS SECTION
Outswing Sill

NOTES:
1. ALL FRP REINFORCEMENTS/ANCHOR BLOCKS ARE SECURED TO THE FRAME WITH LORD 7542A/B URETHANE ADHESIVE.

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:				TIGER DOOR FIBERGLASS DOOR			
				PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS			
						LFS	BY
						FBC	
1	8/01/23	UPDATE TO 8TH ED. (2023)					
NO.	DATE						REVISIONS
DATE: 2/19/18							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-26591.3							
SHEET 4 OF 6							



FRAME ANCHORING



SURFACE/FLUSH BOLT STRIKE PLATE DETAILS

STRIKE PLATE DETAIL

CONCRETE ANCHOR NOTES:

1. Concrete screw locations at the corners may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
2. Concrete anchor table:

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	SILL	1/4"	TAPCON® (ITW BUILDEX) ULTRACON+® (DeWALT)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	HEAD/JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"

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PRODUCT: TIGER DOOR
FIBERGLASS DOOR

PART OR ASSEMBLY:
**FRAME ANCHORING
& HARDWARE DETAILS**

1	8/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
NO.	DATE	REVISIONS		
				BY

DATE: 10/29/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-26591.3

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