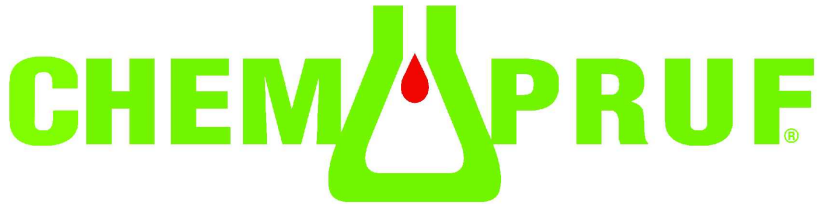


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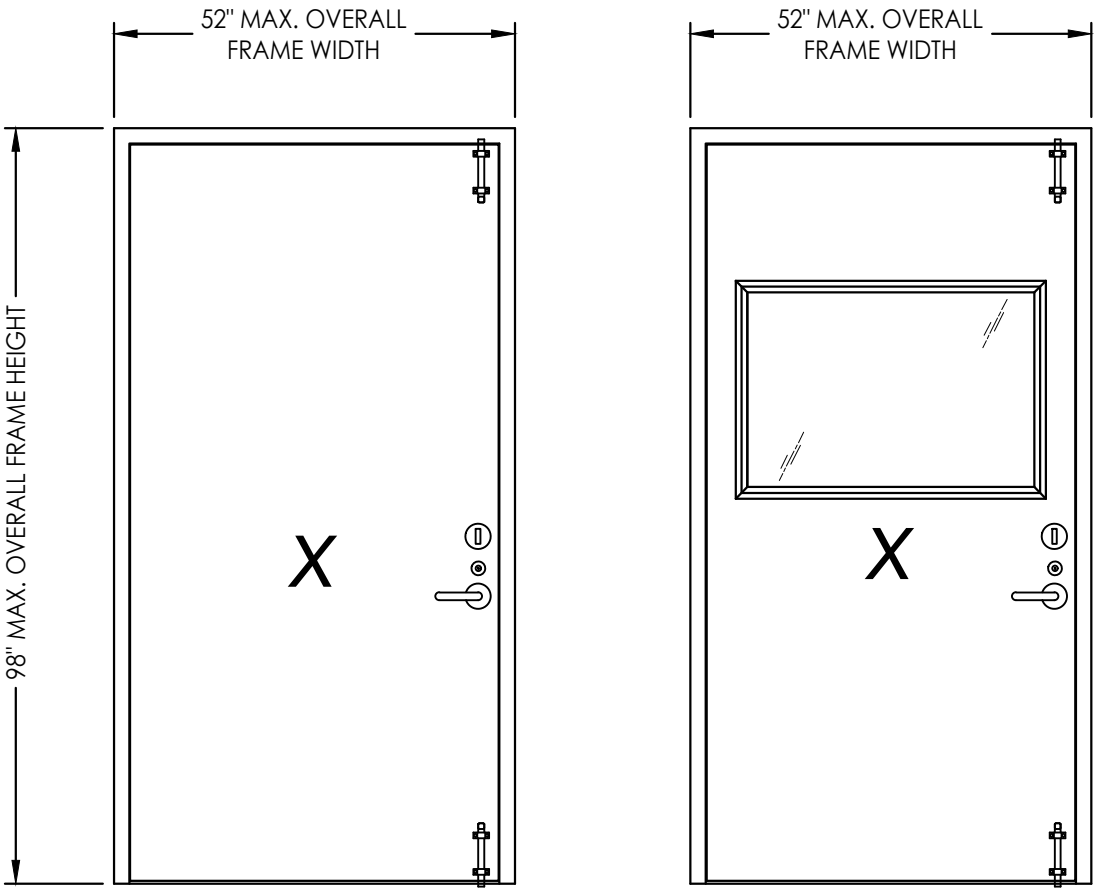


HURRICANE SERIES
FIBERGLASS SINGLE DOOR
OUTSWING
"IMPACT"

GENERAL NOTES

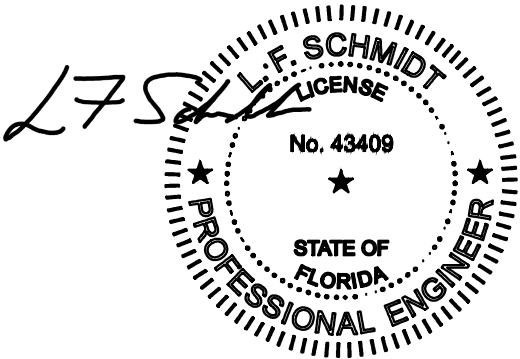
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 & FBC Sections 1609.1.2.1 & R301.2.1.2.
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
4	Vertical cross sections
5	Frame anchoring & hardware details
6	Bill of materials & components



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

SURFACE BOLTS REQUIRED AT TOP & BOTTOM OF DOOR

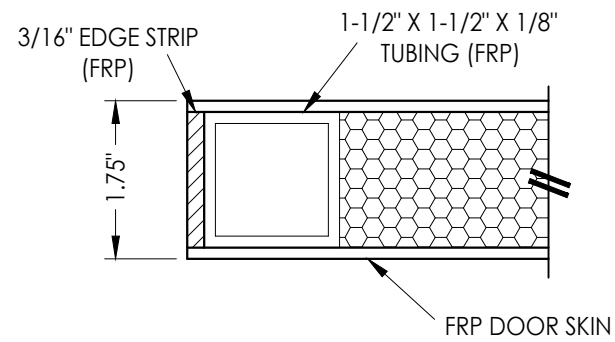


Digitally signed by Lyndon F Schmidt
Date: 2023.08.23 14:31:46 -04'00'

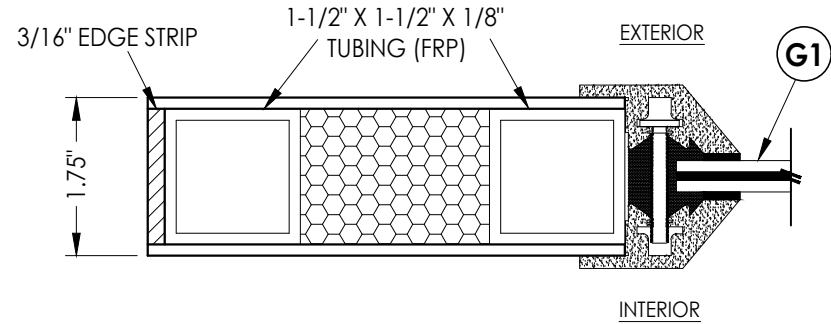
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

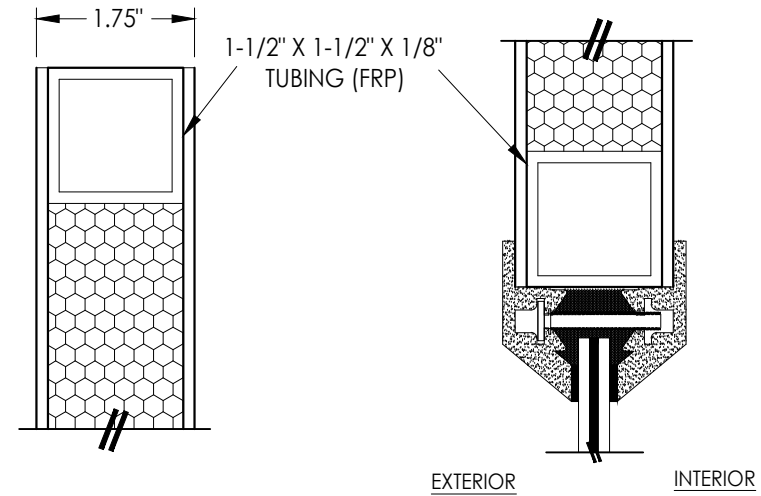
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FIBERGLASS DOOR		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
		REVISIONS	
		1 8/01/23 UPDATE TO 8TH ED. (2023) FBC	
		NO. DATE	
		DATE: 2/19/18	
		SCALE: N.T.S.	
		DWG. BY: JK	
		CHK. BY: LFS	
		DRAWING NO.: FL-26592.4	
		SHEET 1 OF 6	



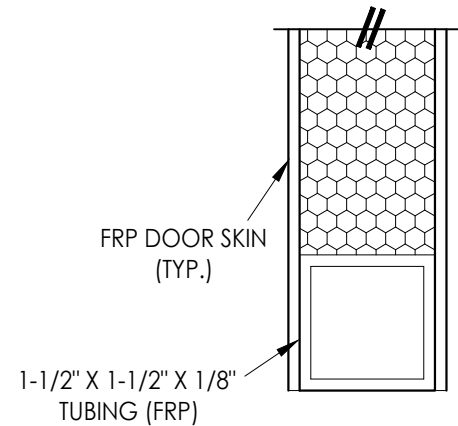
1 HORIZONTAL CROSS SECTION



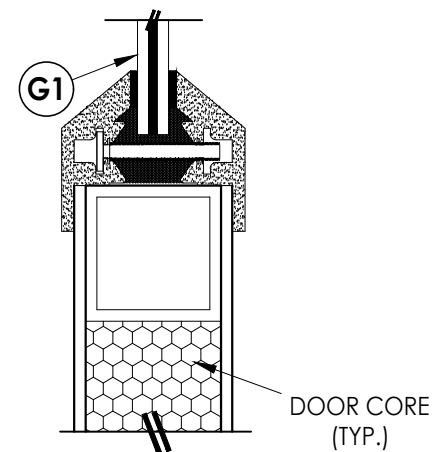
2 **HORIZONTAL CROSS SECTION**



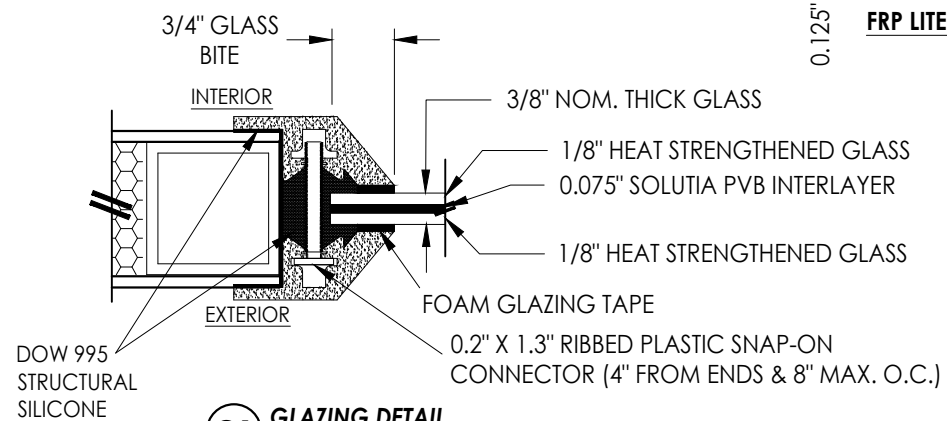
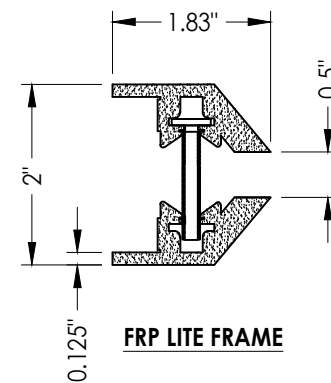
3 **VERTICAL CROSS SECTION**
2



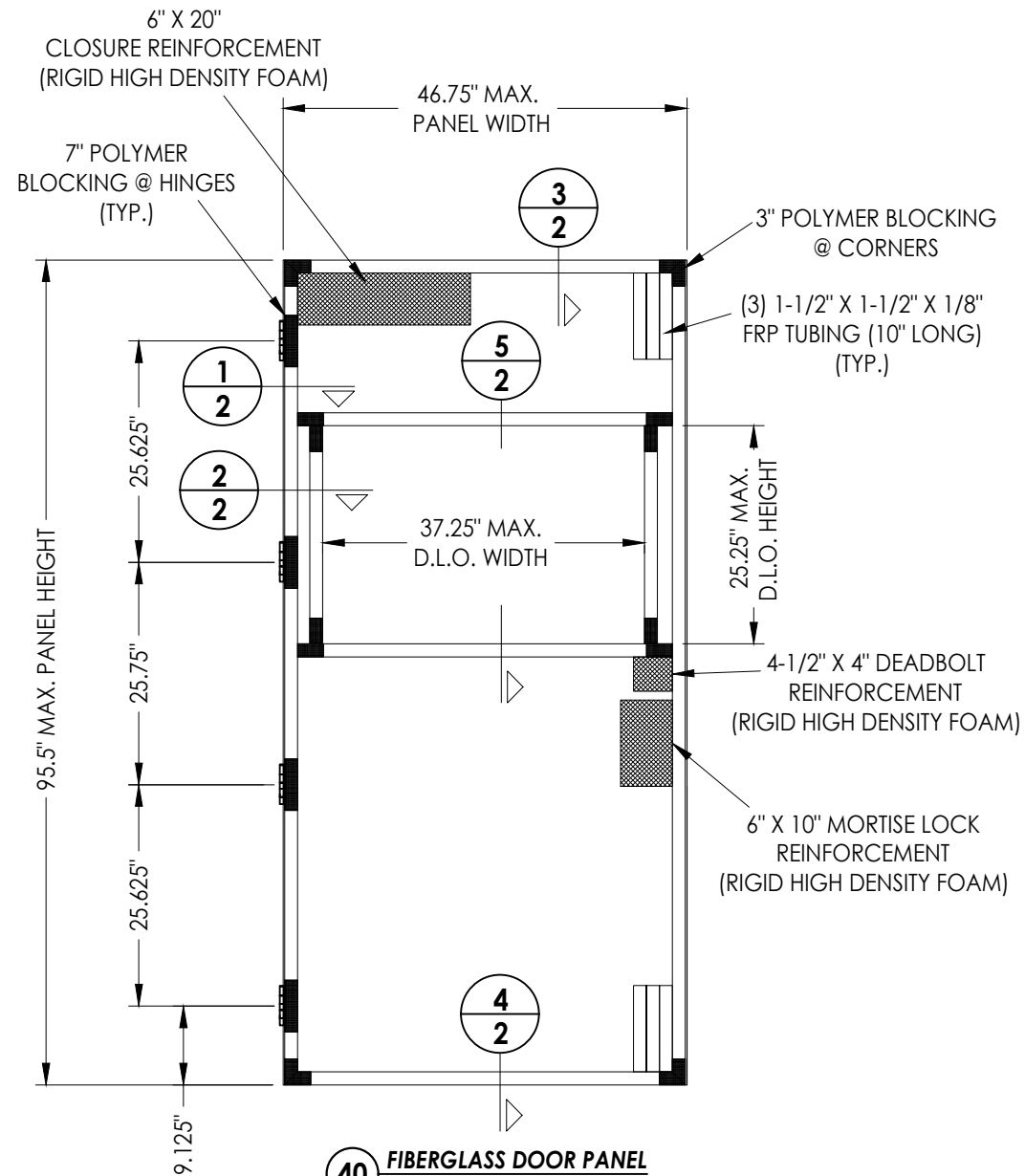
4 VERTICAL CROSS SECTION
2



5
2 **VERTICAL CROSS SECTION**



G1 GLAZING DETAIL



40 FIBERGLASS DOOR PANEL
TIGER DOOR

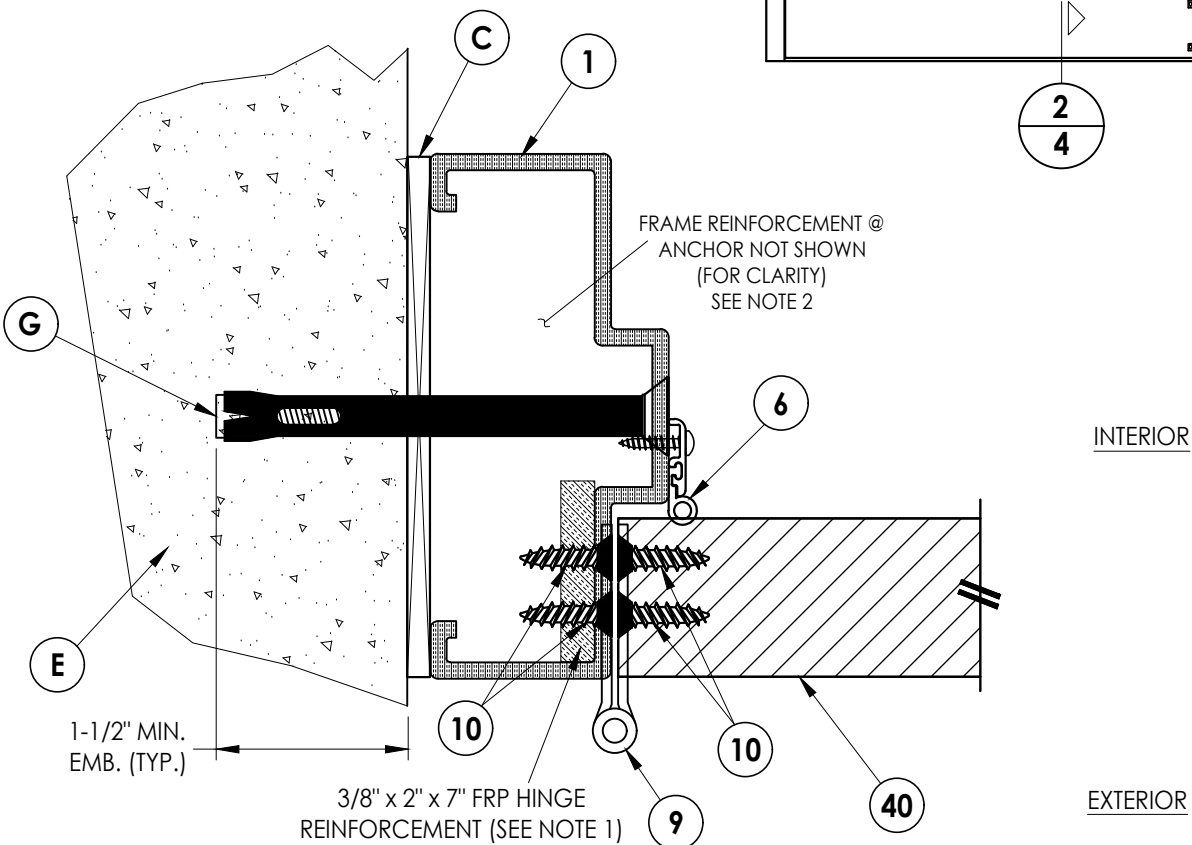
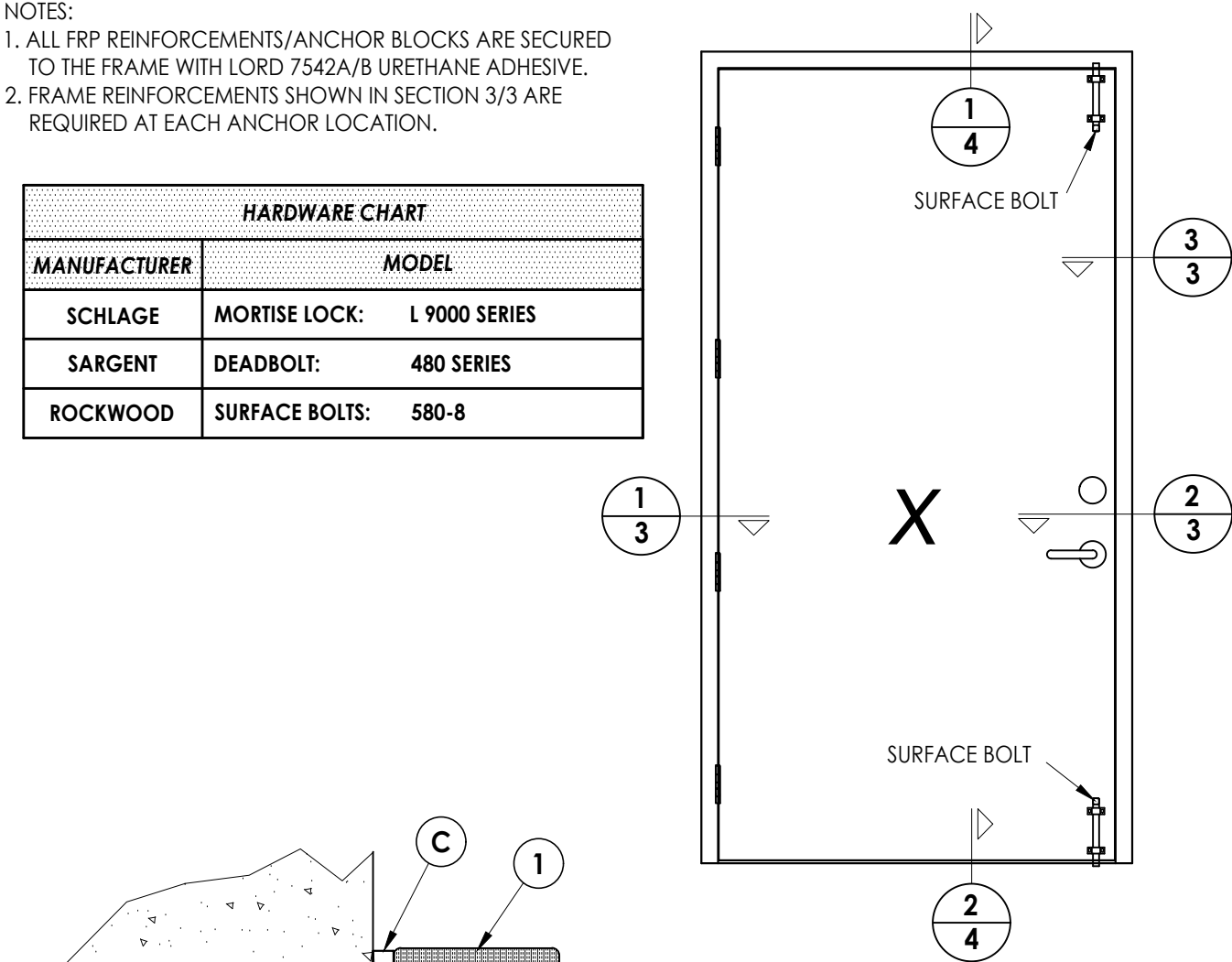
DOOR SKIN: 0.125" MIN. THICKNESS
DOOR CORE: POLYPROPYLENE HONEYCOMB

[illegible]

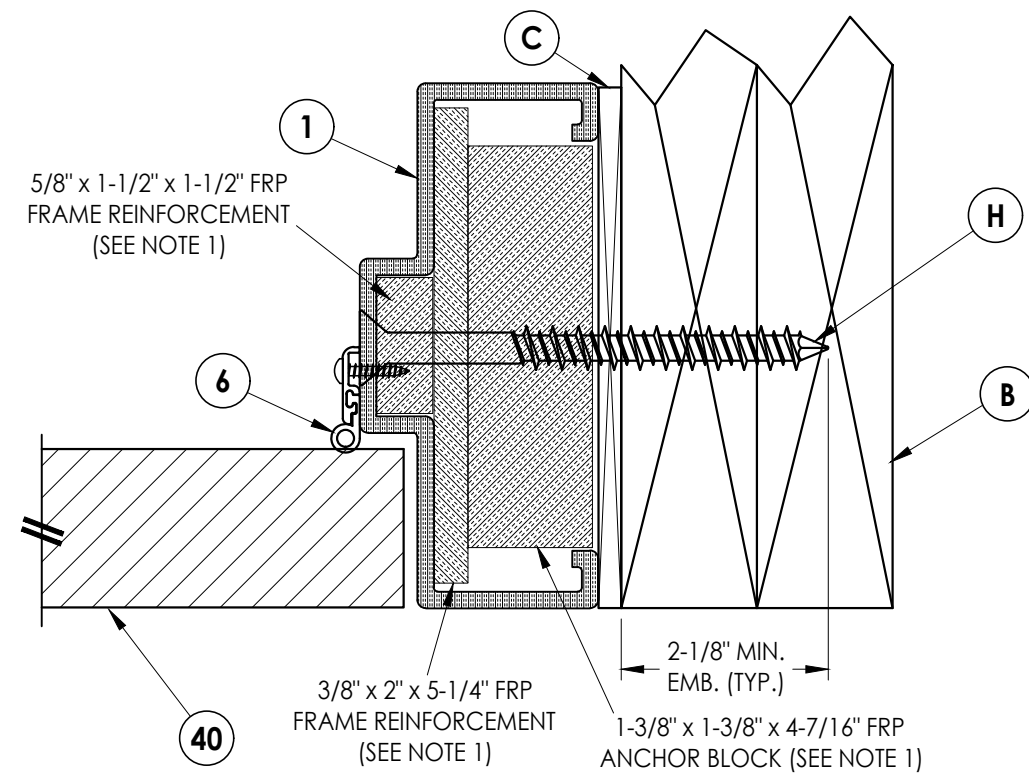
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- NOTES:
1. ALL FRP REINFORCEMENTS/ANCHOR BLOCKS ARE SECURED TO THE FRAME WITH LORD 7542A/B URETHANE ADHESIVE.
 2. FRAME REINFORCEMENTS SHOWN IN SECTION 3/3 ARE REQUIRED AT EACH ANCHOR LOCATION.

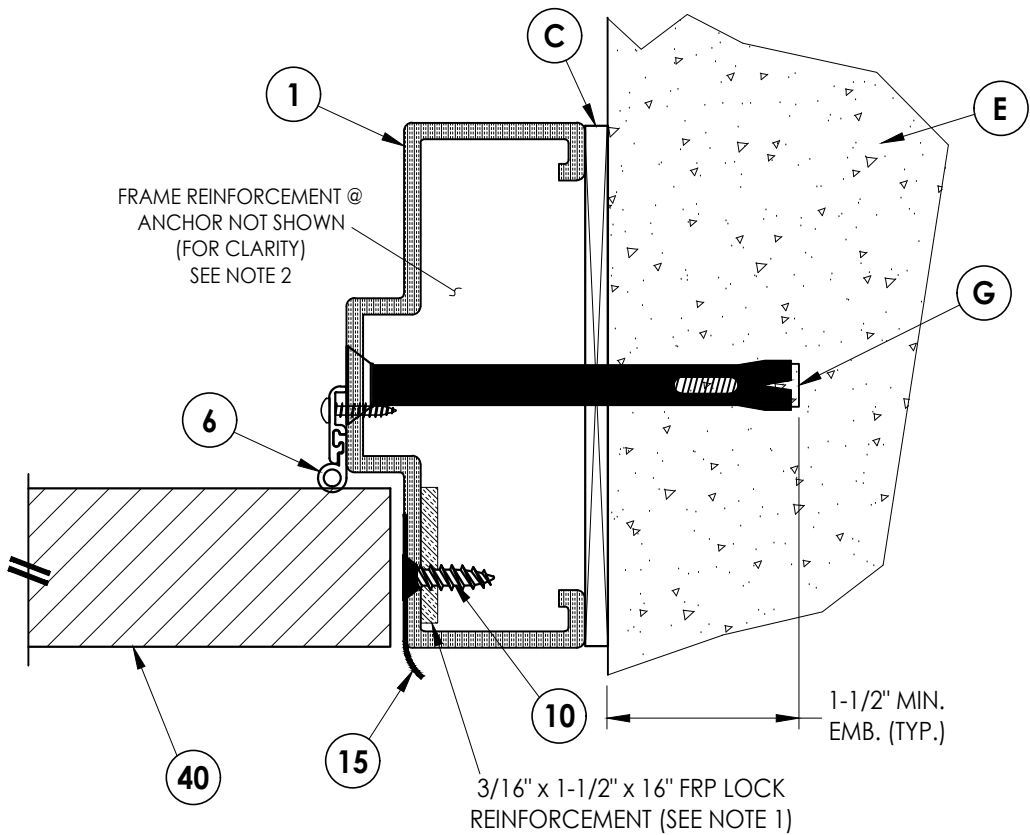
HARDWARE CHART		
MANUFACTURER	MODEL	
SCHLAGE	MORTISE LOCK:	L 9000 SERIES
SARGENT	DEADBOLT:	480 SERIES
ROCKWOOD	SURFACE BOLTS:	580-8



1
3 HORIZONTAL CROSS SECTION
Outswing configuration



3
3 HORIZONTAL CROSS SECTION
Outswing configuration



2
3 HORIZONTAL CROSS SECTION
Outswing configuration

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: FIBERGLASS DOOR
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

REVISIONS	
NO.	DATE
1	8/01/23
2	8/01/23
3	8/01/23
4	8/01/23
5	8/01/23
6	8/01/23
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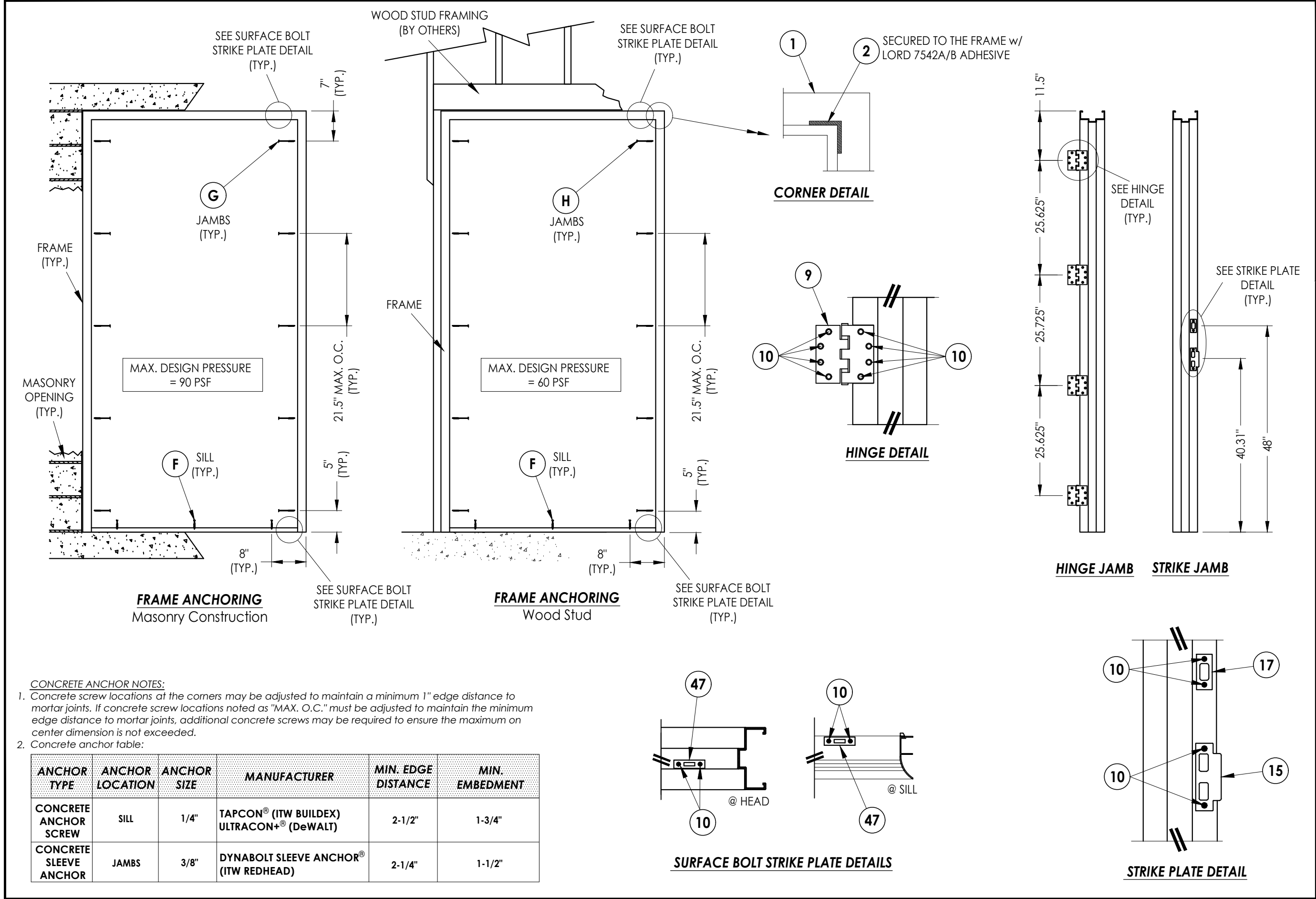
DATE: 2/19/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-26592.4
SHEET 3 OF 6

Diagram illustrating the Vertical Cross Section of an Outswing Sill. The diagram shows the relationship between the interior and exterior components, including the sill plate, weatherstripping, and the exterior wall. Key dimensions and components are labeled:

- 30**: Sill plate
- 47**: Sill plate
- 44**: 1-1/8" THROW
- 40**: Exterior wall
- 43**: Weatherstripping
- 7**: Curved weatherstripping
- E**: Exterior finish
- F**: Sill fastener
- 2/4**: Vertical Cross Section
- Outswing Sill**
- 1-3/4" MIN. EMB. (TYP.)**: Embedment dimension
- INTERIOR** and **EXTERIOR** labels indicate the orientation.

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CONCRETE ANCHOR NOTES:

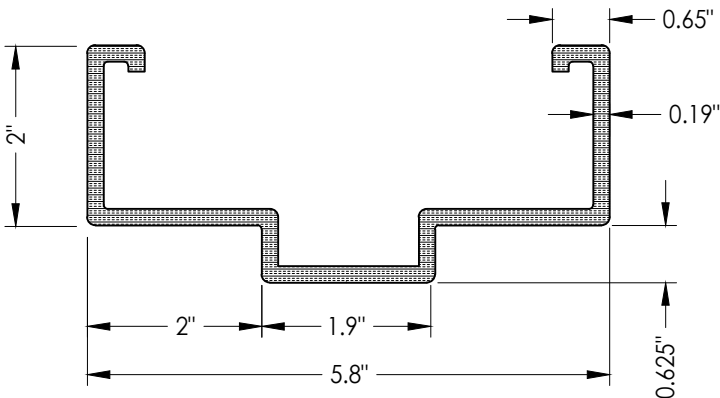
- Concrete screw locations at the corners may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
- 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	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"

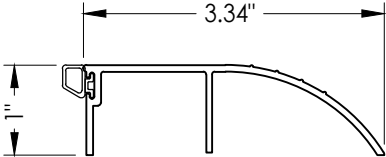
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
DATE: 10/29/15		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-26592.4		SHEET 5 OF 6	
NO. DATE		REVISIONS	
1 8/01/23 UPDATE TO 8TH ED. (2023) FBC		LFS BY	

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
C	1/4" MAX. SHIM SPACE	-
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90	CONCRETE
F	1/4" x 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	DYNABOLT SLEEVE ANCHOR	STEEL
H	3/8" x 5" LAG SCREW	STEEL
1	DOOR FRAME (FRP)	FIBERGLASS
2	FRAME CORNER REINFORCEMENT (FRP)	FIBERGLASS
6	WEATHERSTRIP	NEOPRENE
7	DOOR SWEEP	VINYL
9	4-1/2" X 4-1/2" BUTT HINGE	SS
10	#12 X 1" PFH SMS	SS
15	MORTISE LATCH & DEADBOLT STRIKE PLATE	SS
16	LATCH STRIKE PLATE	SS
17	DEADBOLT STRIKE PLATE	STEEL
30	OUTSWING THRESHOLD	ALUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
43	8-32 X 1" MACHINE SCREW w/ 1-3/4" SEX BOLT	STEEL
44	SURFACE BOLT - ROCKWOOD 580-8	SS
47	SURFACE BOLT STRIKE PLATE	SS

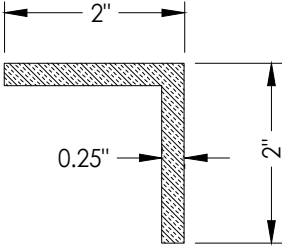
FIBER REINFORCED PLASTIC (FRP)



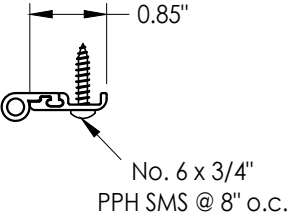
1 DOOR FRAME (FRP)



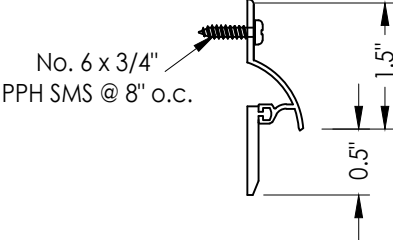
30 OUTSWING THRESHOLD



2 **FRAME CORNER REINFORCEMENT**
5" LONG



6 WEATHERSTRIP
NGP 137N



7 DOOR SWEEP
NGP 101 VA

[illegible]