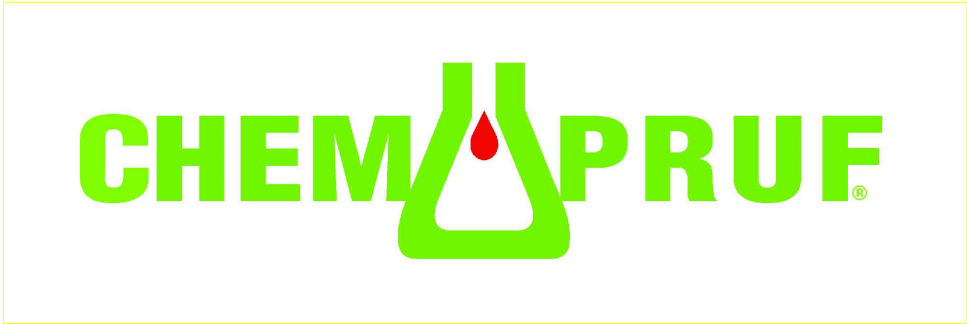


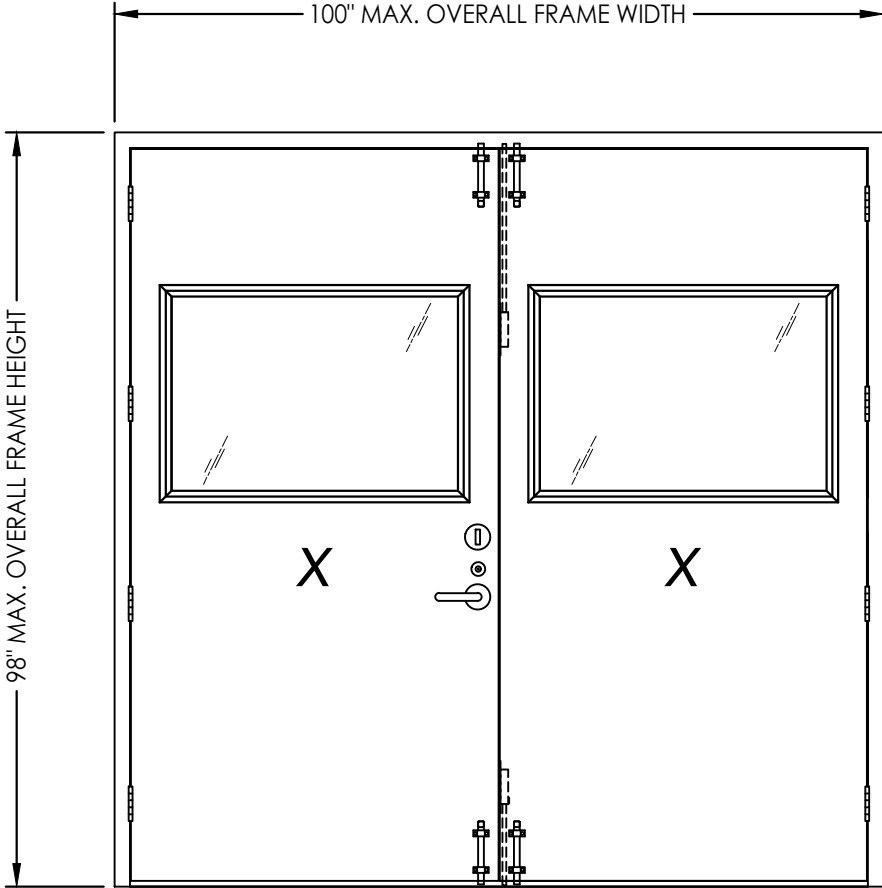


**HURRICANE SERIES
FIBERGLASS DOUBLE DOOR
OUTSWING
"IMPACT"**

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



**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

27 Schmidt F. SCHMIDT
LICENSE
No. 43409
★
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Lyndon F Schmidt
Date: 2023.08.23 14:32:14 -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

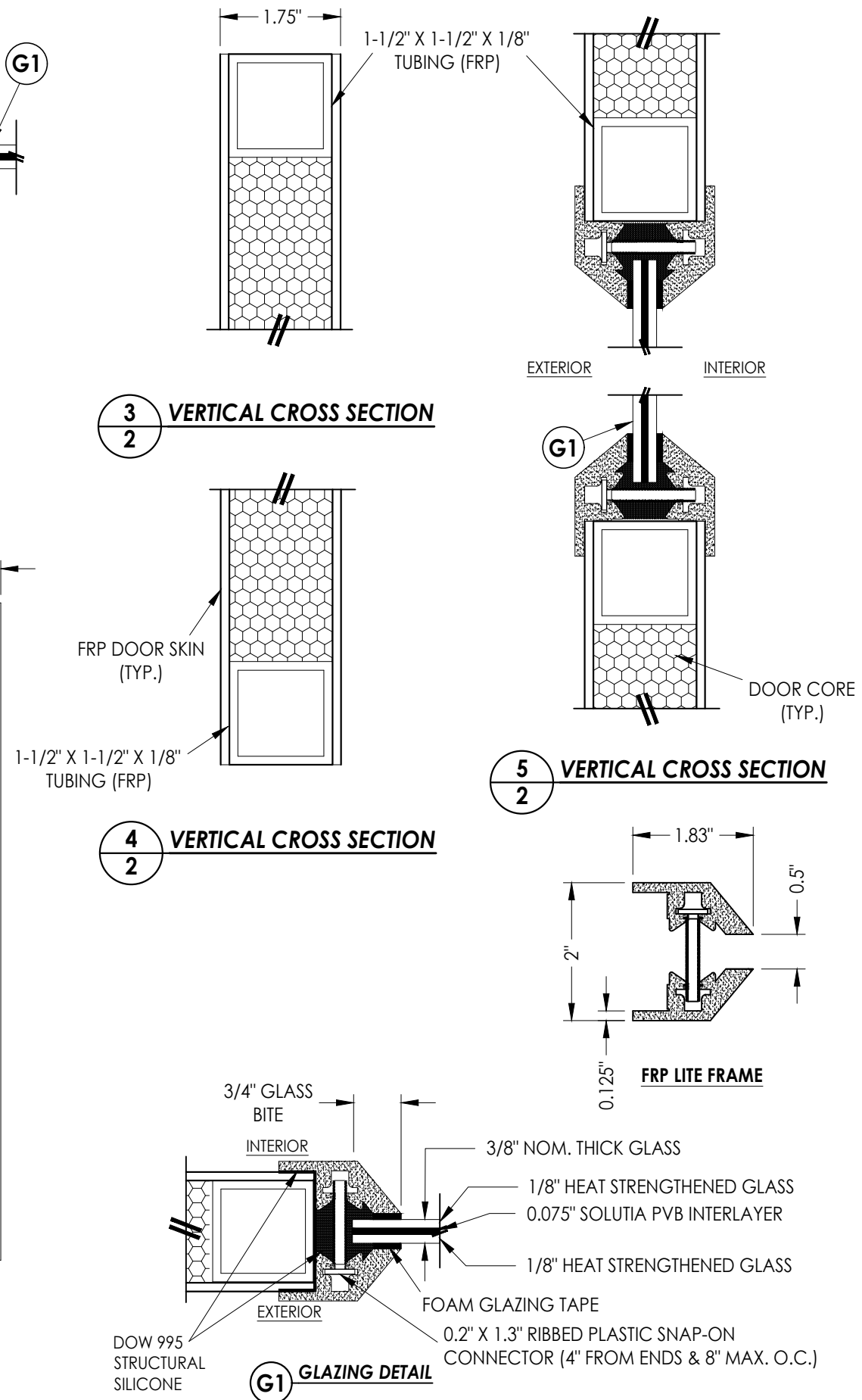
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: FIBERGLASS DOOR

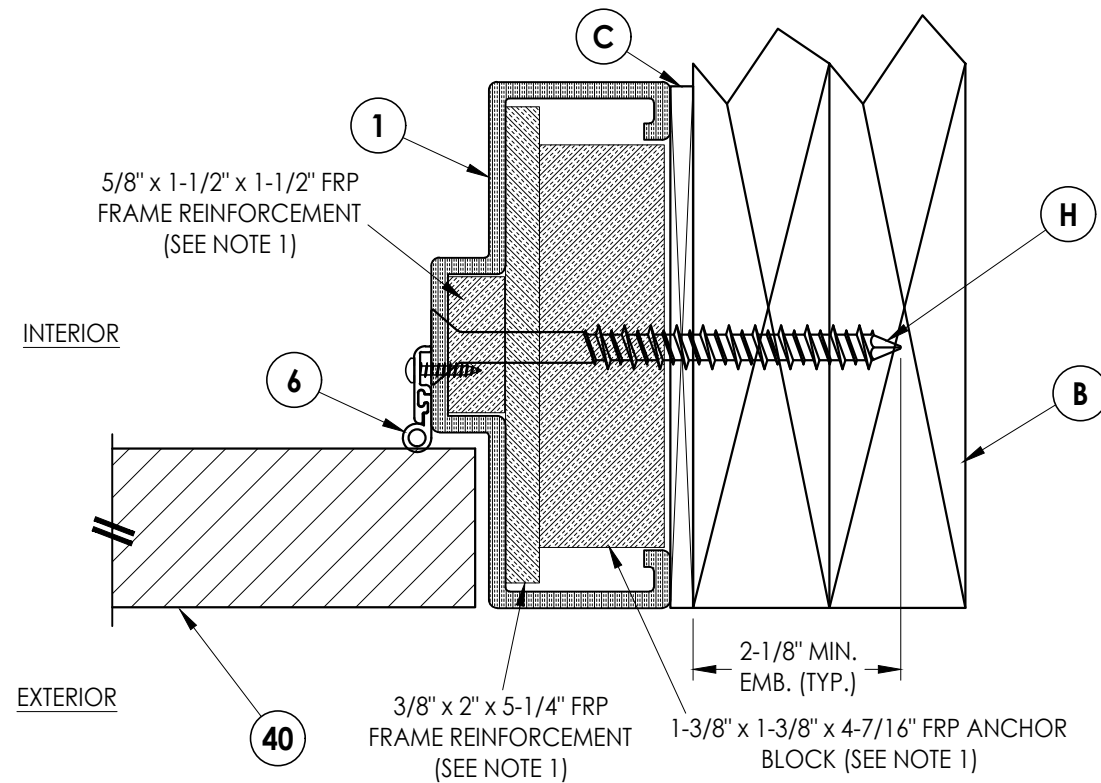
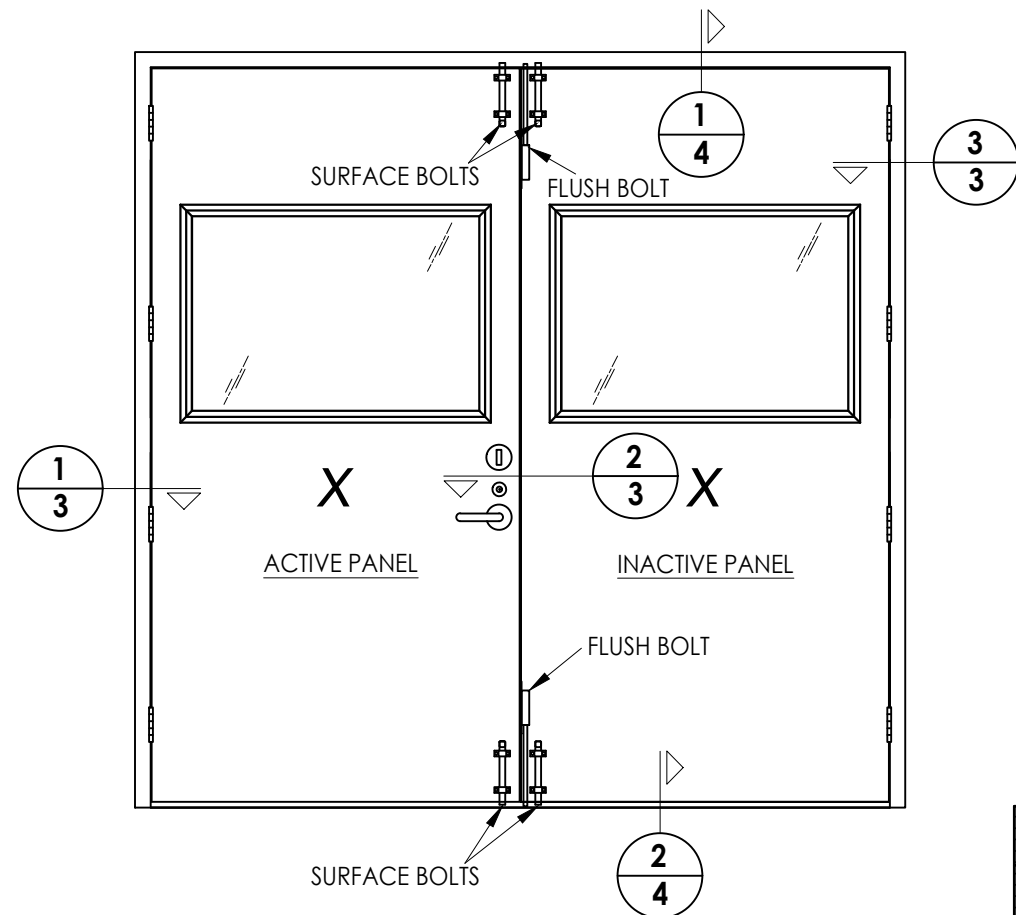
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

[illegible]

DATE:	2/19/18
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-26592.5
SHEET	1 OF 6



DATE: 2/19/18 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-26592.5 SHEET 2 OF 6												PRODUCT: FIBERGLASS DOOR PART OR ASSEMBLY: DOOR PANEL DETAILS												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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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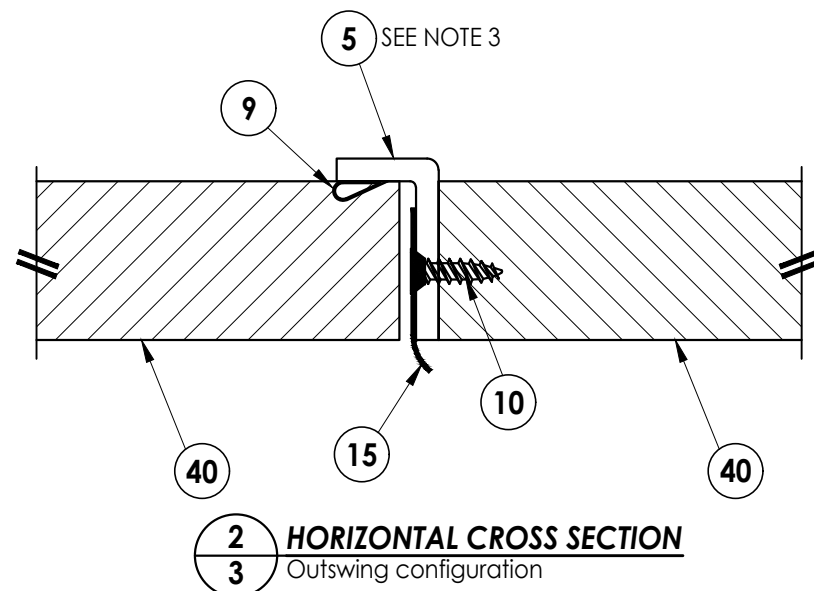
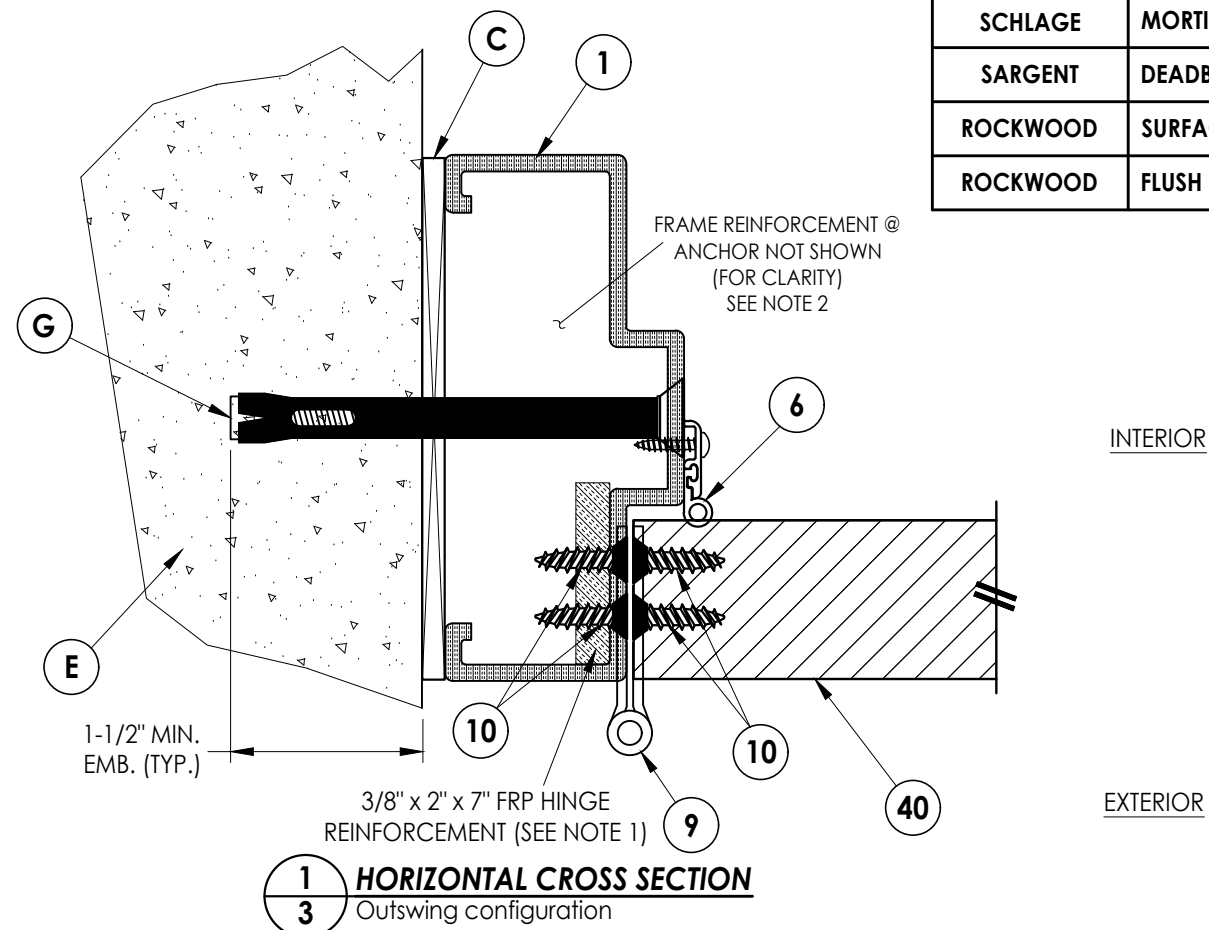


HARDWARE CHART		
MANUFACTURER	MODEL	
SCHLAGE	MORTISE LOCK:	L 9000 SERIES
SARGENT	DEADBOLT:	480 SERIES
ROCKWOOD	SURFACE BOLTS:	580-8
ROCKWOOD	FLUSH BOLTS:	556WS

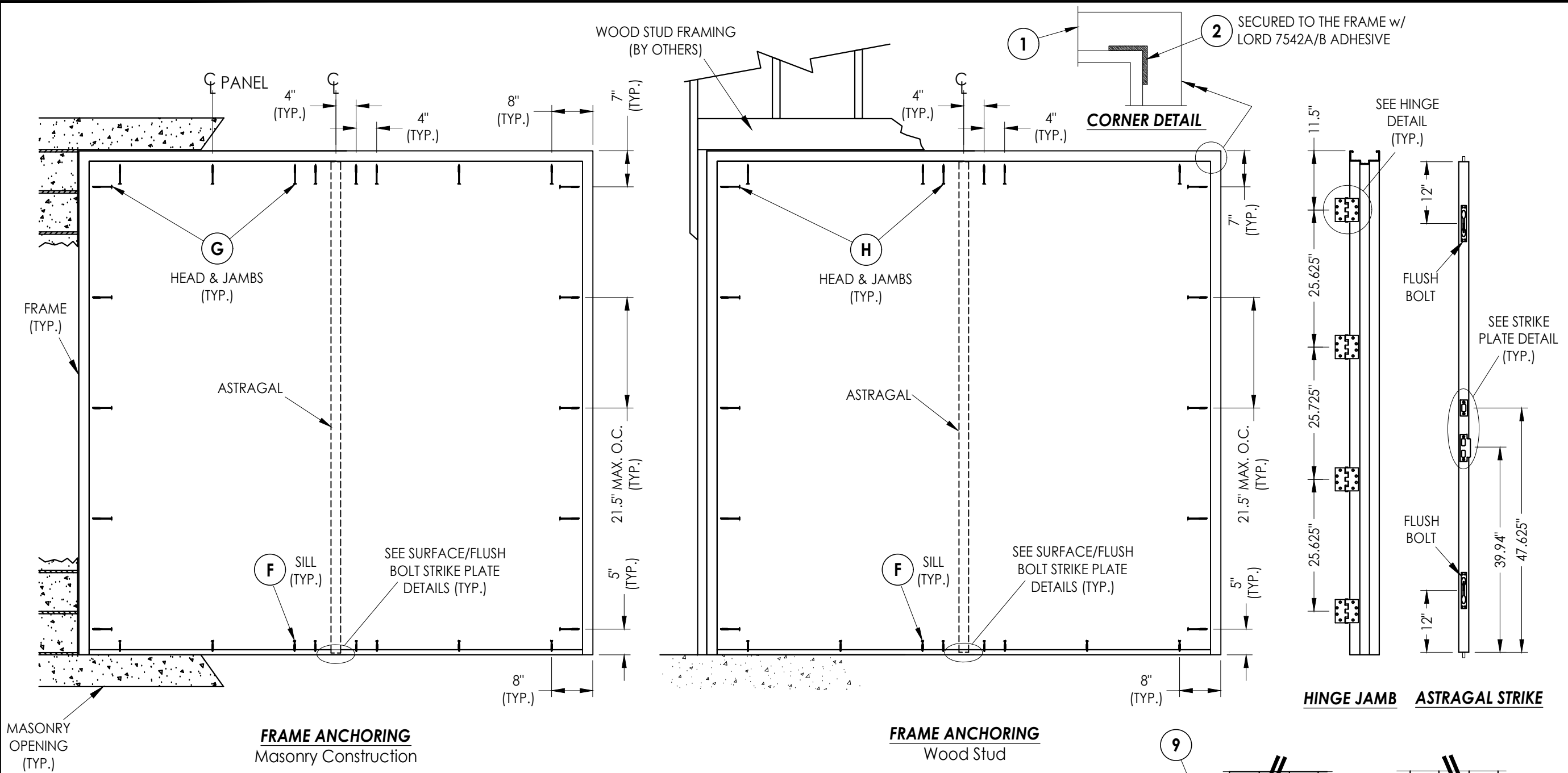
3 HORIZONTAL CROSS SECTION

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.
3. FRP ASTRAGAL IS SECURED TO THE INACTIVE DOOR WITH LORD 7542/7545 URETHANE ADHESIVE.

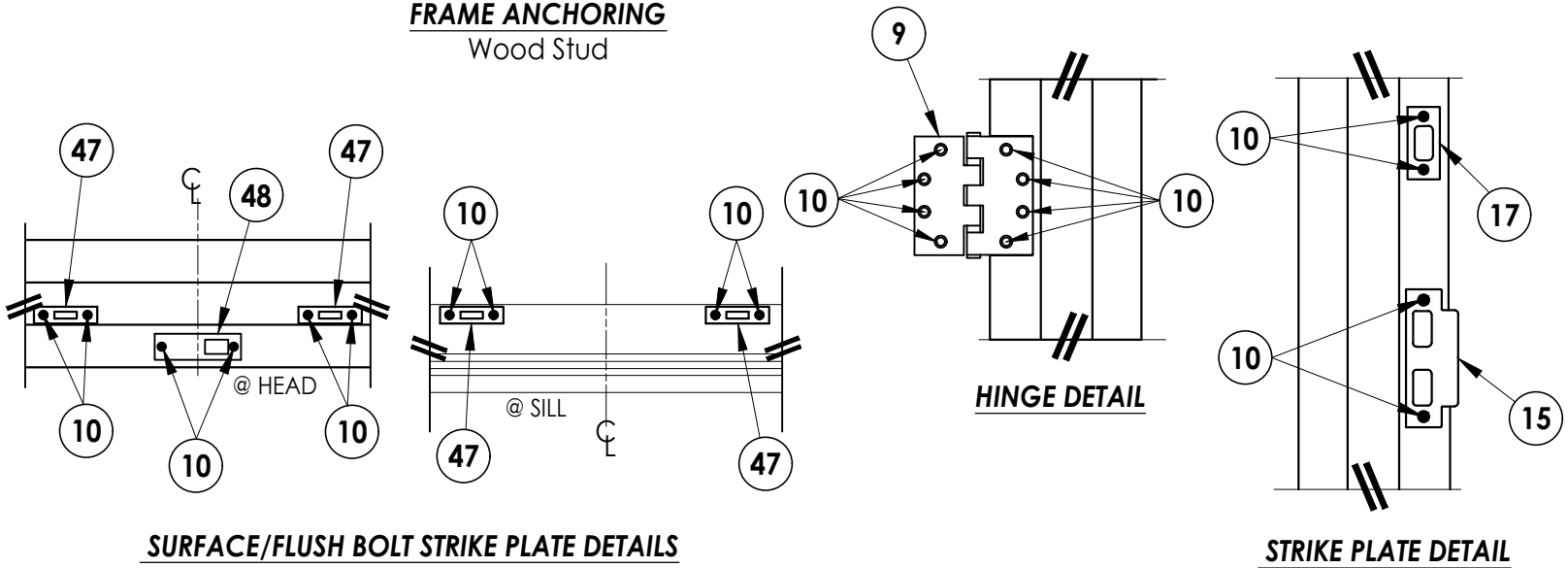
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- CONCRETE ANCHOR NOTES:**
- Concrete screw locations at the corners may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." must be adjusted to maintain the minimum edge distance to 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	HEAD/JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"

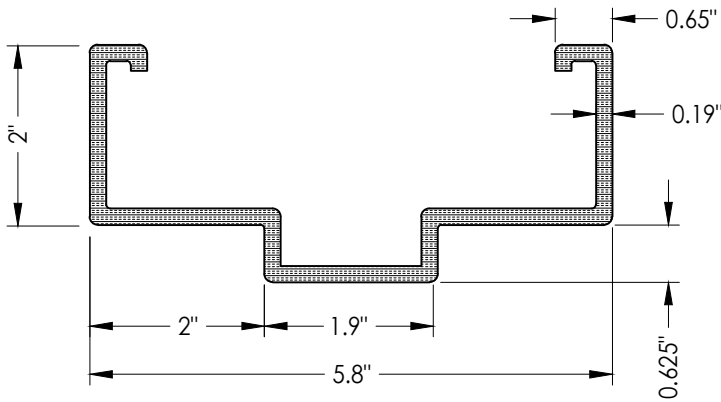


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
DATE: 10/29/15		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-26592.5		SHEET 5 OF 6	
NO. DATE		REVISIONS	
1 8/01/23 UPDATE TO 8TH ED. (2023) FBC		LFS BY	

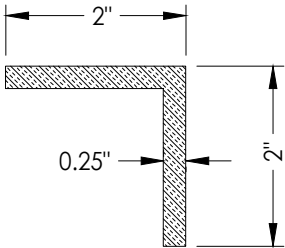
Z:\2023 FBC Drawings\Chem-Pruf Door Co\FL-26592 R2\FL-26592.1-5.dwg

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
3	REMOVABLE MULLION (FRP)	FIBERGLASS
5	ASTRAGAL	FIBERGLASS
6	WEATHERSTRIP	NEOPRENE
7	DOOR SWEEP	VINYL
8	WEATHERSTRIP (NGP 5050 GASKET)	NEOPRENE
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
48	FLUSH BOLT STRIKE PLATE	SS

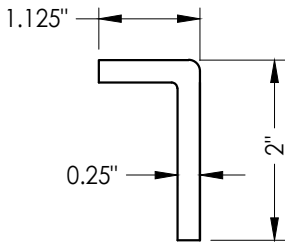
FIBER REINFORCED PLASTIC (FRP)



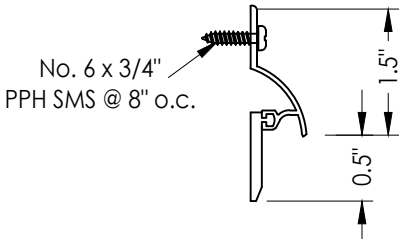
1 DOOR FRAME (FRP)



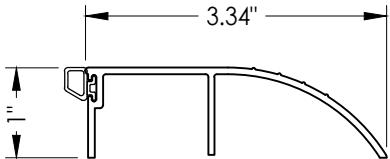
2 FRAME CORNER REINFORCEMENT
5" LONG



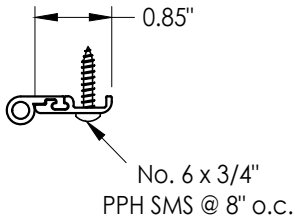
3 ASTRAGAL (FRP)



7 DOOR SWEEP
NGP 101 VA



30 OUTSWING THRESHOLD
Pemko 2051-T



6 WEATHERSTRIP
NGP 137N

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:

BILL OF MATERIALS
& COMPONENTS

DATE: 02/19/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-26592.5

SHEET 6 OF 6