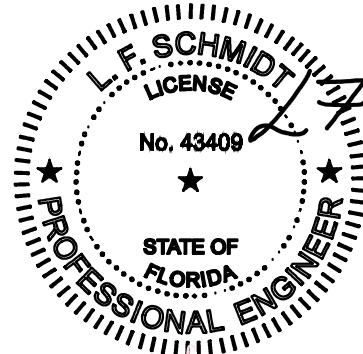


plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

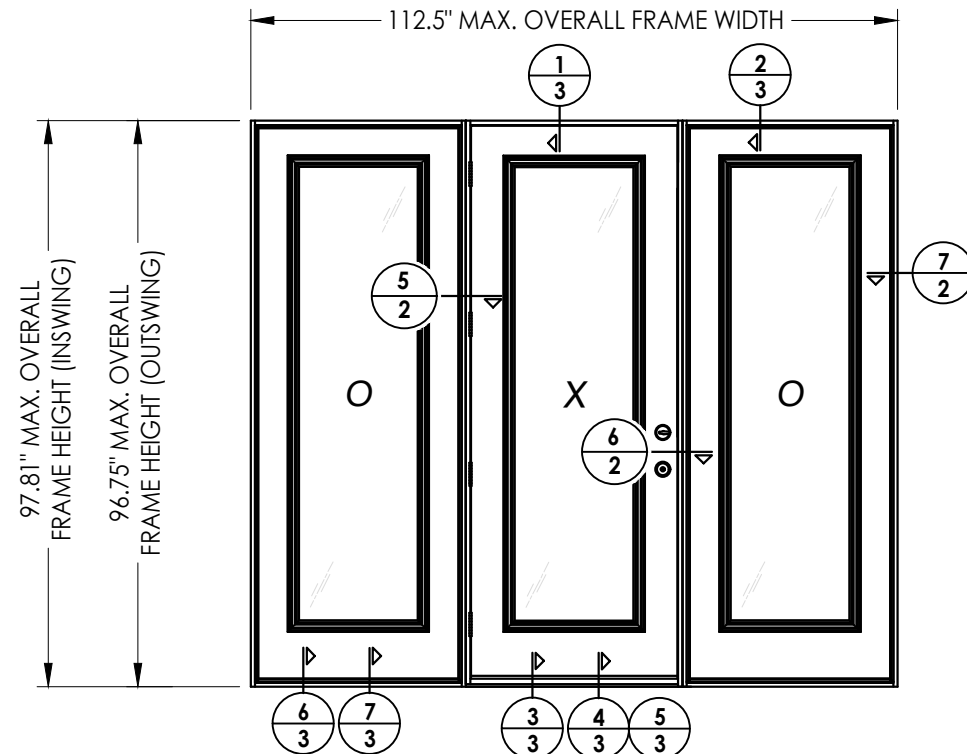
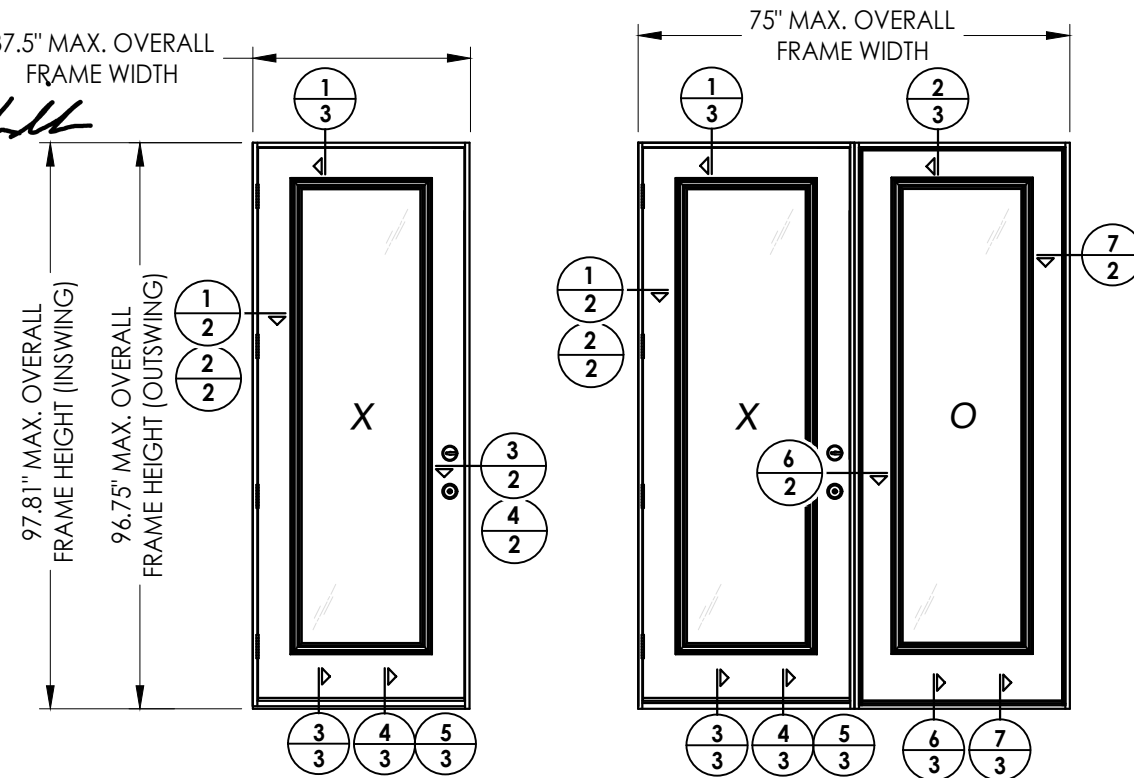
GLAZED FIBERGLASS SINGLE DOOR
w/ or w/out SIDELITE(S)
Inswing / Outswing
"IMPACT"



Digitally signed by Lyndon F Schmidt
Date: 2023.08.16 08:00:08 -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



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)			
		INSWING		OUTSWING	
		POS.	NEG.	POS.	NEG.
X	37.5" x 97.81"	+47.5	-47.5	+50.0	-50.0
XO / OX	75.0" x 97.81"	+47.5	-47.5	+50.0	-50.0
OXO	112.5" x 97.81"	+47.5	-47.5	+50.0	-50.0

GENERAL NOTES

1. This product anchoring drawing has been developed and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and rating.
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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations utilizing the high dam sill (see Section 5/3), meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck anchoring & bill of materials
5	Frame anchoring & glazing details

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PLASTPRO
FIBERGLASS DOOR

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	7/23/20	UPDATE TO 7TH ED (2020) FBC
2	10/14/17	UPDATE TO 6TH ED. (2017) FBC
1	8/04/14	CLARIFIED INSTALLATION DETAILS

DATE: 12/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

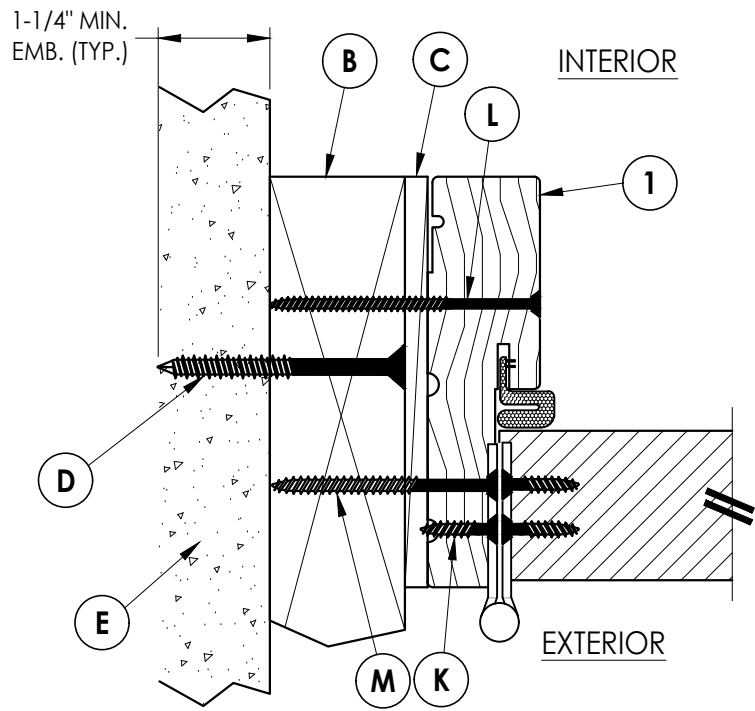
DRAWING NO.:

FL-16094.3

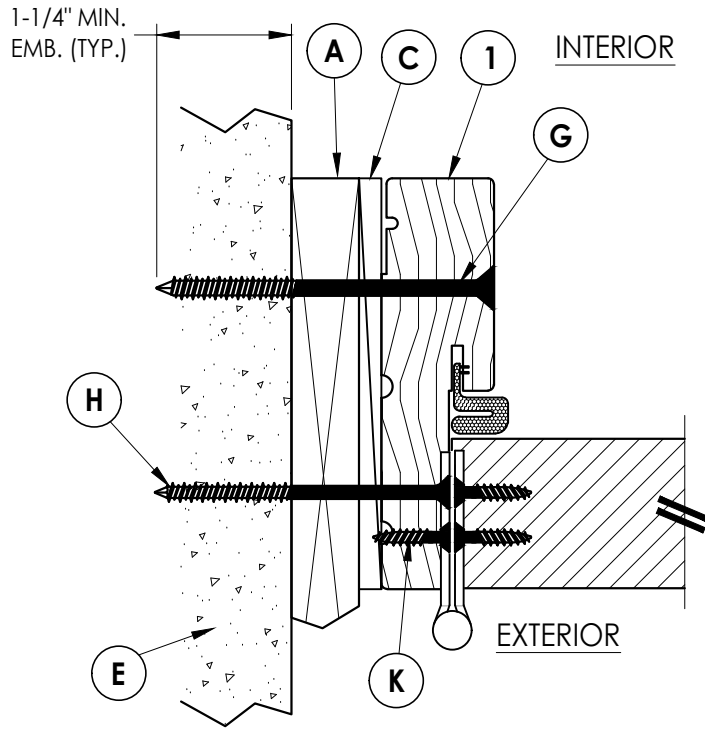
SHEET 1 OF 5

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

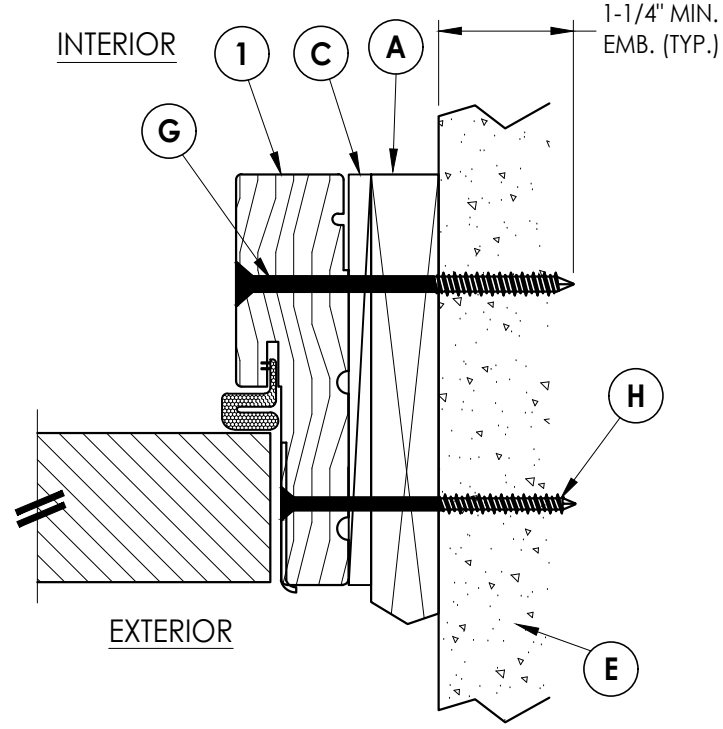
G:\2023 FBC DRAWINGS\Plastpro\FL-16094 R9\FL-16094.1-4.dwg



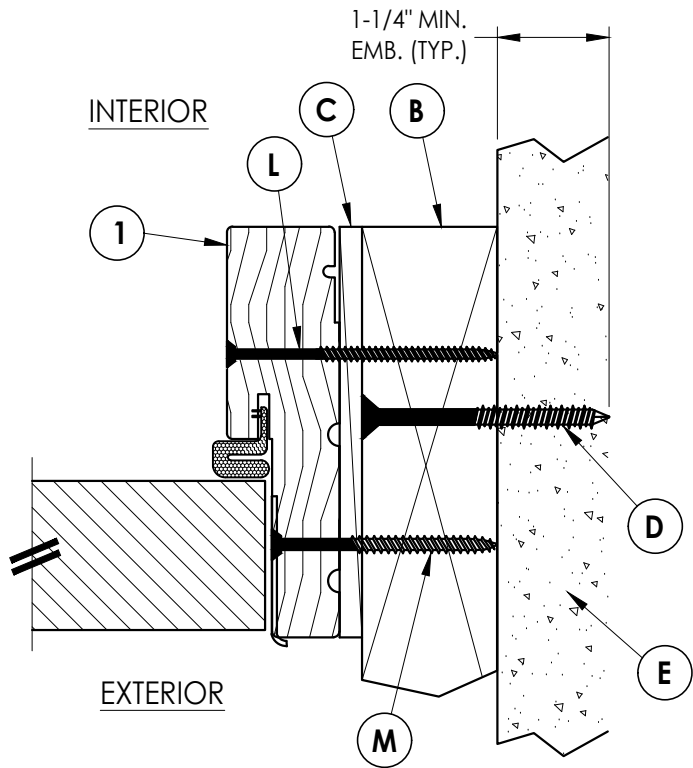
1 HORIZONTAL CROSS SECTION
2 Outswing shown - Inswing similar
2X Buck Construction



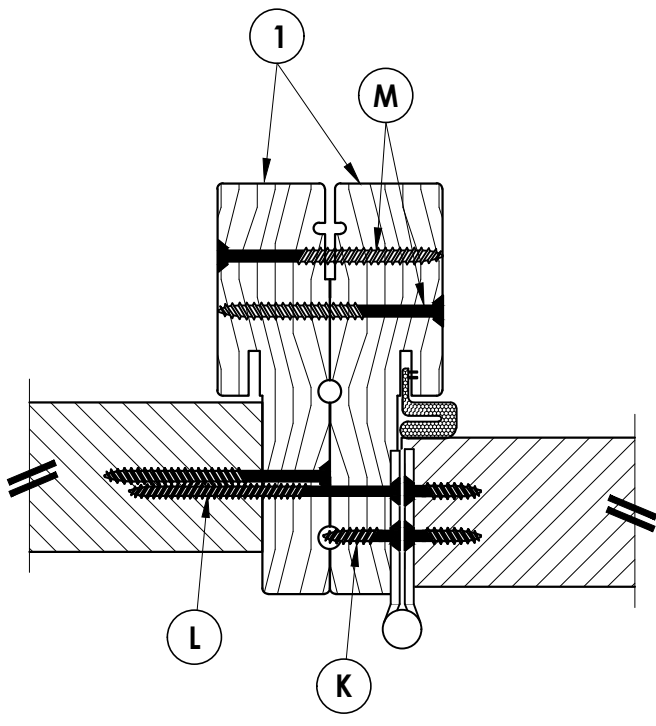
2 HORIZONTAL CROSS SECTION
2 Outswing shown - Inswing similar
1X Buck Construction



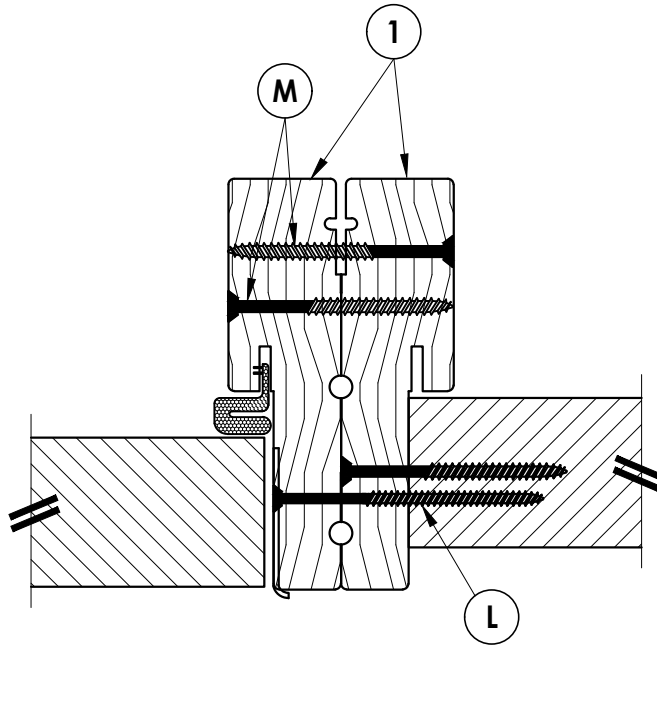
3 HORIZONTAL CROSS SECTION
2 Outswing shown - Inswing similar
1X Buck Construction



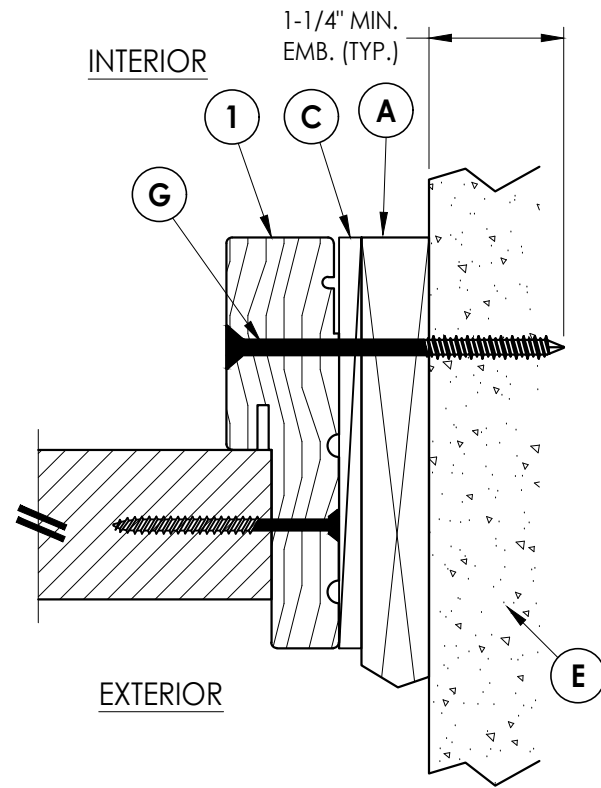
4 HORIZONTAL CROSS SECTION
2 Outswing shown - Inswing similar
2X Buck Construction



5 HORIZONTAL CROSS SECTION
2 @ BACK-TO-BACK JAMBS

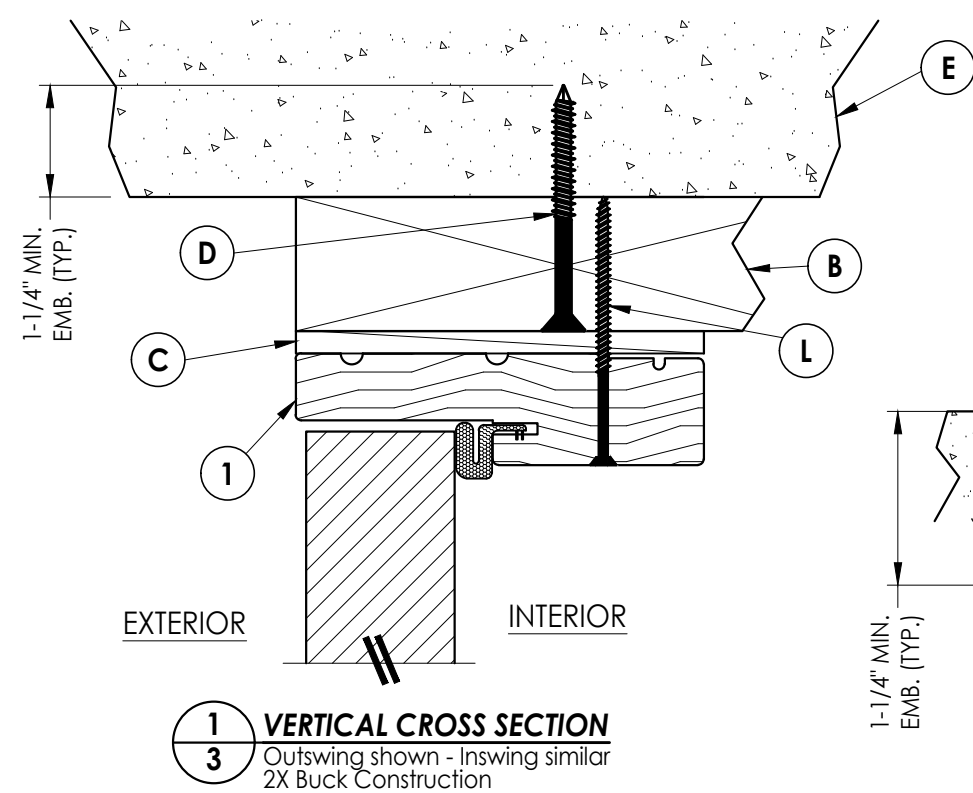


6 HORIZONTAL CROSS SECTION
2 @ BACK-TO-BACK JAMBS

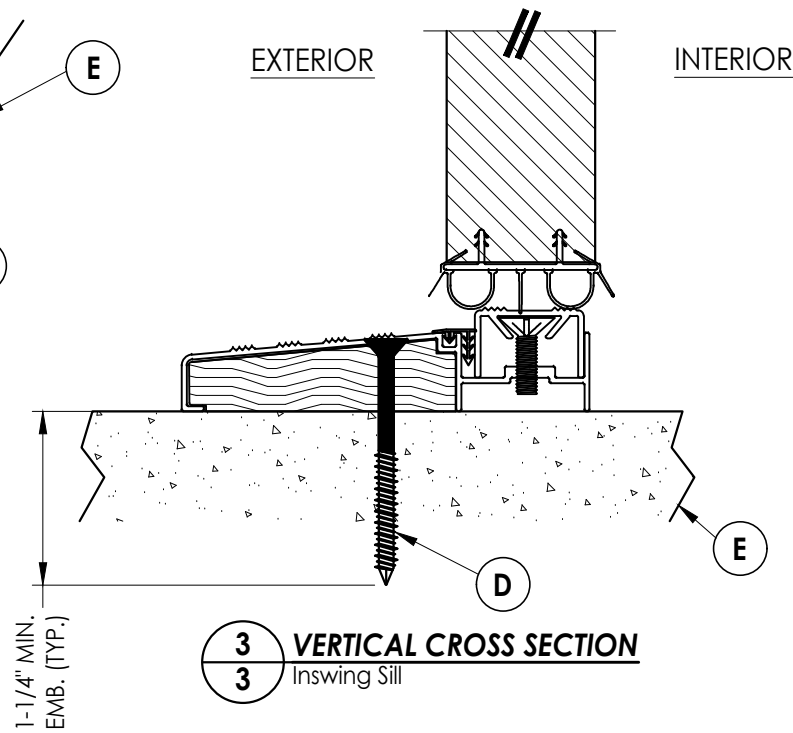


7 HORIZONTAL CROSS SECTION
2 Outswing shown - Inswing similar
1X Buck Construction

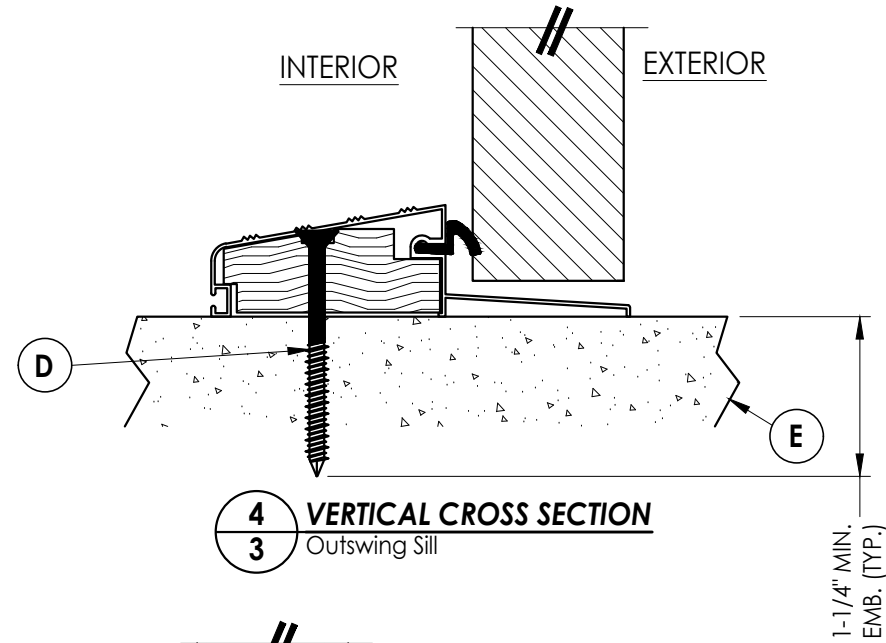
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/23/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	10/14/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	8/04/14	CLARIFIED INSTALLATION DETAILS	LFS
NO.	DATE	REVISIONS	
DATE: 12/10/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16094.3			
SHEET 2 OF 5			



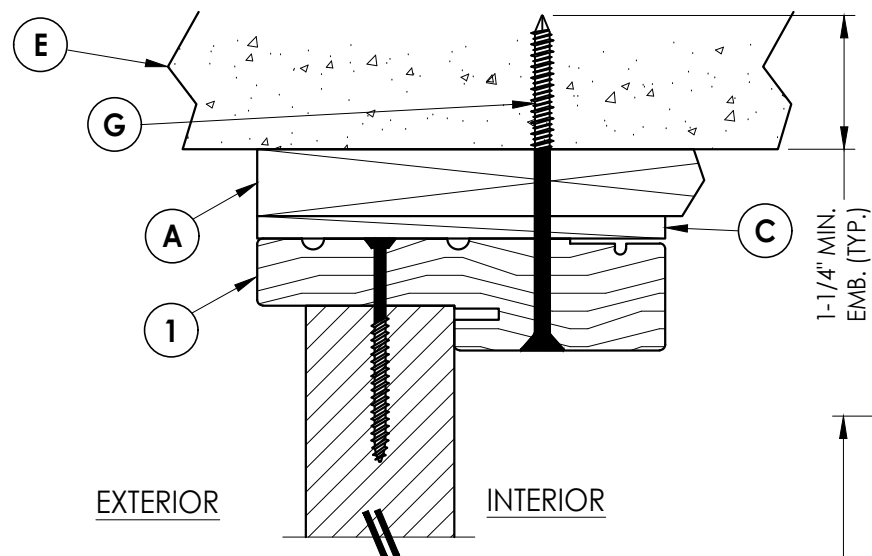
1 **VERTICAL CROSS SECTION**
3 Outswing shown - Inswing similar
2X Buck Construction



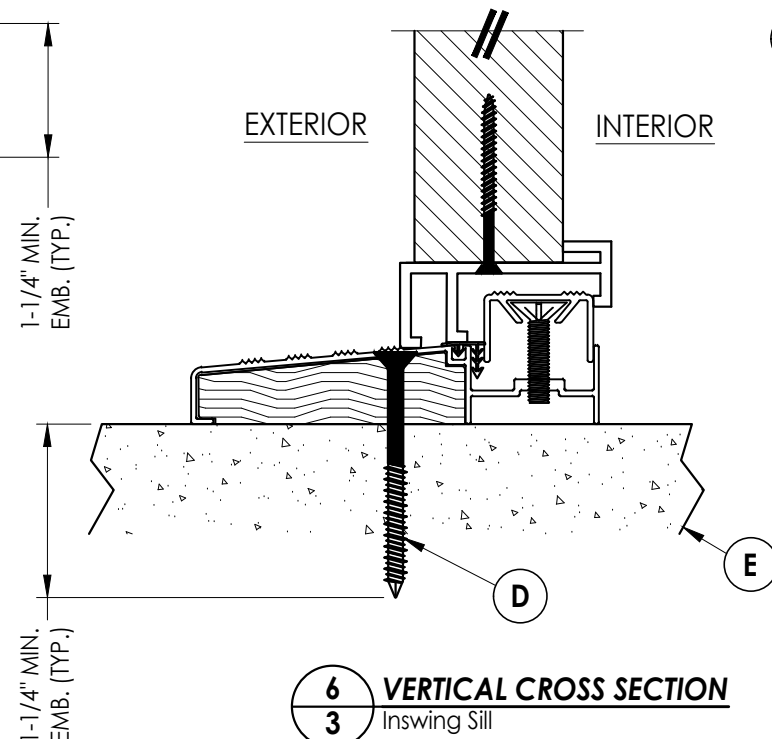
3 VERTICAL CROSS SECTION
3 Inswing Sill



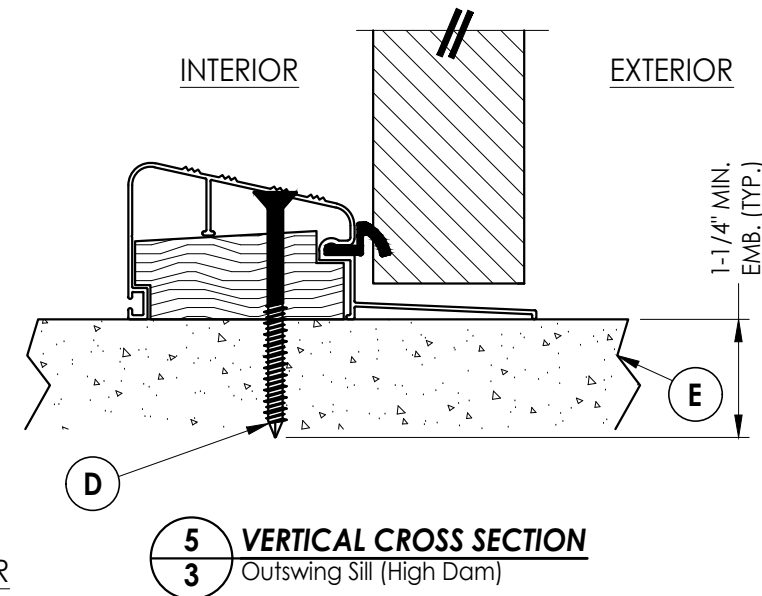
4 VERTICAL CROSS SECTION
3 Outswing Sill



2 VERTICAL CROSS SECTION
3 Outswing shown - Inswing similar
 1X Buck Construction

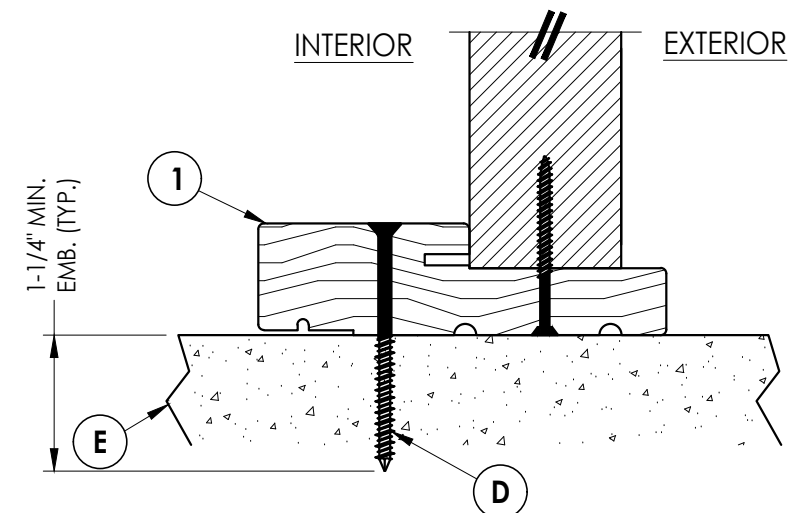


6 3 VERTICAL CROSS SECTION Inswing Sill



5 VERTICAL CROSS SECTION

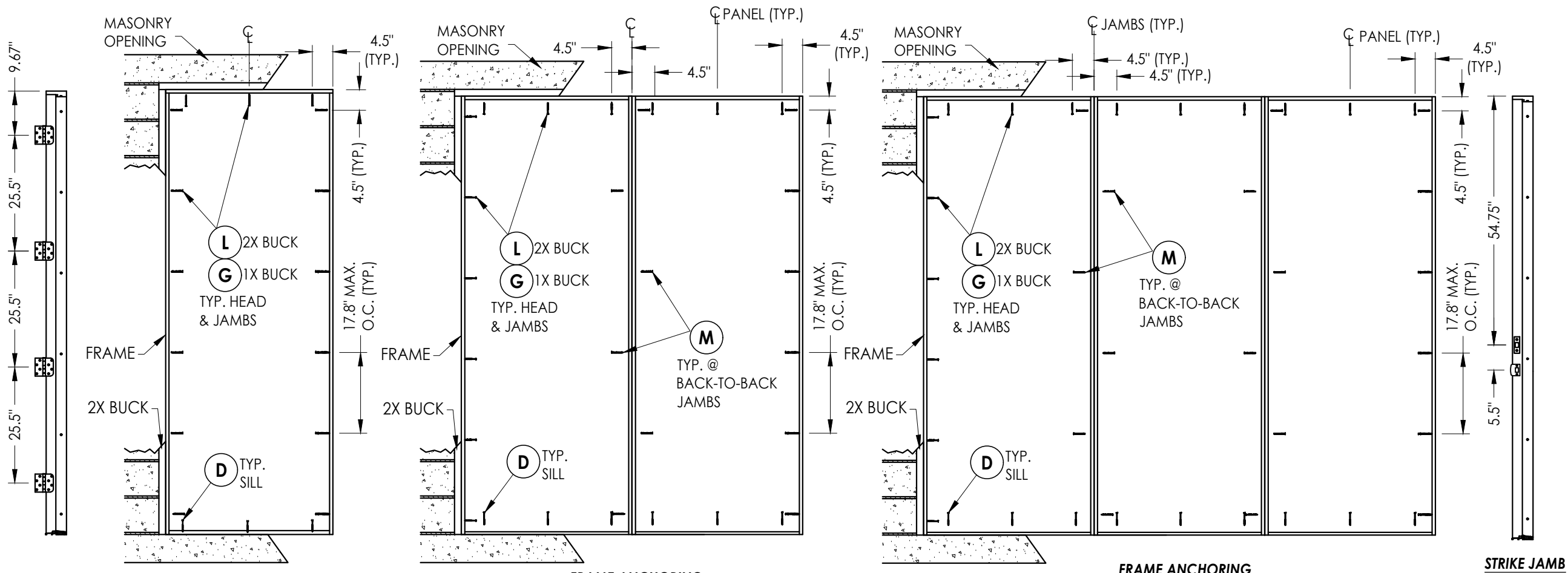
3 Outswing Sill (High Dam)



7 VERTICAL CROSS SECTION
3 Outswing Sill

DATE: 12/10/12		DRAWING NO.: FL-16094.3		SHEET 3 OF 5	
SCALE: N.T.S.		CHK. BY: LFS		DWG. BY: JK	
NO. DATE		REVISONS		BY	
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	10/14/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	8/04/14	CLARIFIED INSTALLATION DETAILS		LFS	
PRODUCT:			VERTICAL CROSS SECTIONS		
PART OR ASSEMBLY:			FIBERGLASS DOOR		
PLASTPRO INC.			BUILDING CONSULTANTS, INC.		
Lyndon F. Schmidt			P.O. Box 230, Valrico, FL 33595		
P.E. No. 43409			Phone No.: 813.659.9197		
Documents Prepared By:			FBPE Registry No. 9813		

G:\2023 FBC DRAWINGS\Plastpro\FL-16094 R9\FL-16094.1-4.dwg



HINGE JAMB

FRAME ANCHORING
X

FRAME ANCHORING
XO / OX

FRAME ANCHORING
OXO

STRIKE JAMB

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)

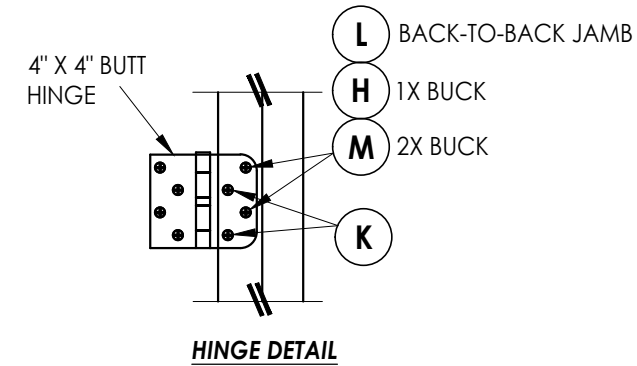
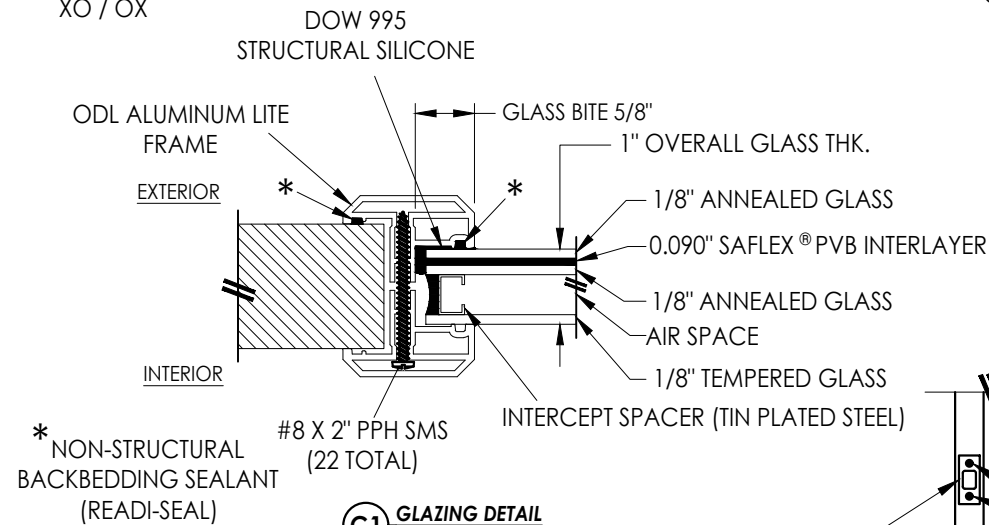
CONCRETE ANCHOR NOTES:

- Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. Concrete anchor locations noted as "MAX. O.C. (TYP.)" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. O.C. (TYP.)" dimension are not exceeded.
- Concrete anchor table:

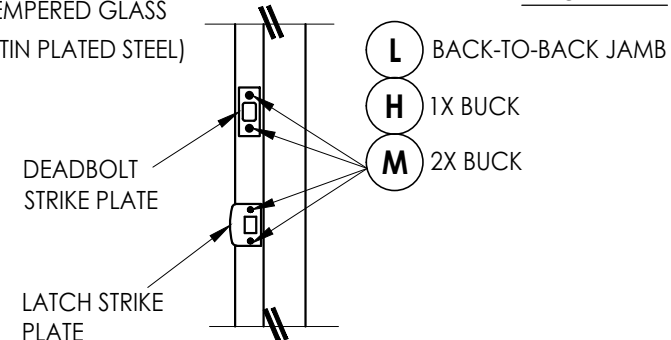
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



HINGE DETAIL



LATCH AND DEADBOLT DETAIL

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING &
GLAZING DETAILS

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC
3	7/23/20	UPDATE TO 7TH ED. (2020) FBC
2	10/14/17	UPDATE TO 6TH ED. (2017) FBC
1	8/04/14	CLARIFIED INSTALLATION DETAILS

DATE: 12/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16094.3

SHEET 5 OF 5

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