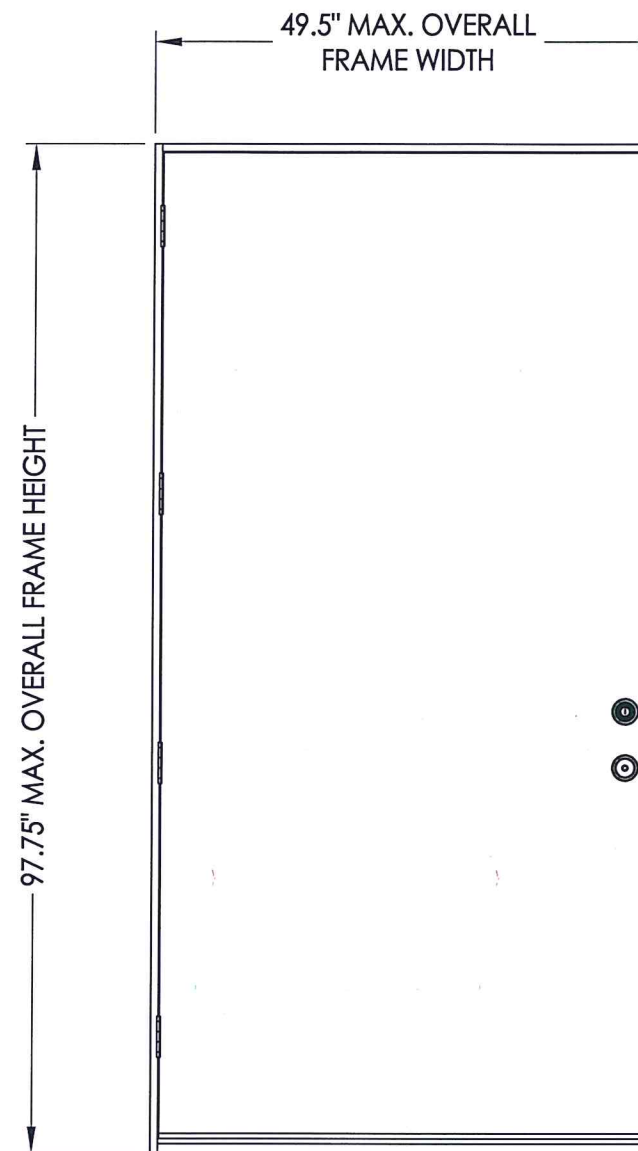


plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

OPAQUE FIBERGLASS SINGLE DOOR

**IN SWING
"NON-IMPACT"**



EVALUATED FOR USE IN THE STATE OF TEXAS

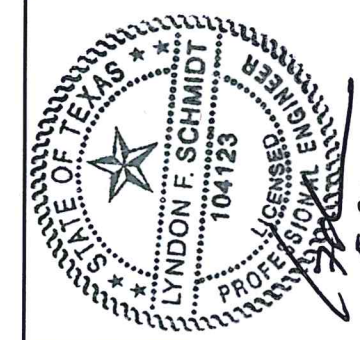
The Fiberglass Door system described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

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. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC.
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	Horizontal & Vertical Cross Sections
4	Frame Anchoring
5	Bill of Materials & Components

MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
	POSITIVE	NEGATIVE
49.5" x 97.75"	+55.0	-65.0



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

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

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

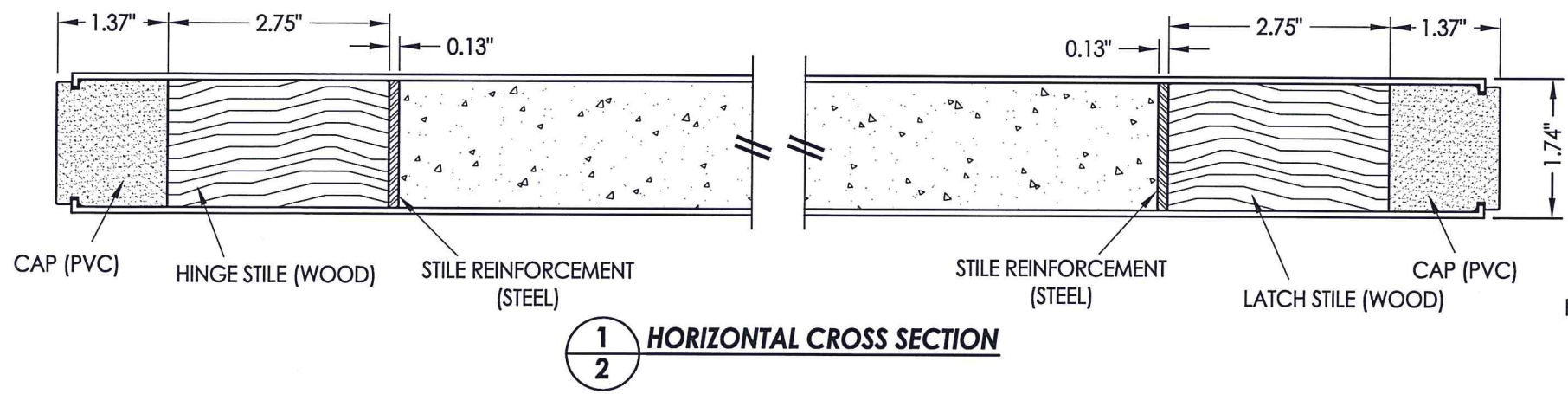
PRODUCT: PLASTPRO FIBERGLASS DOOR

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

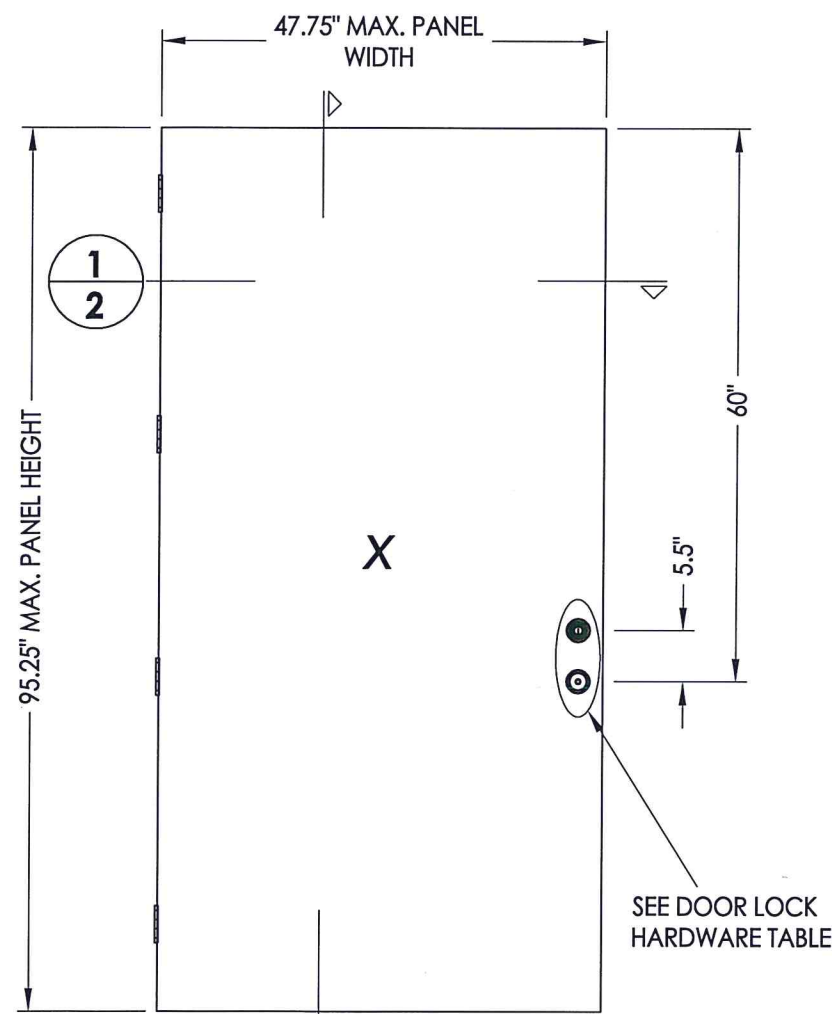
NO.	DATE	REVISIONS
1	5/21/20	UPDATE TO 2018 IBC/IRC CODE

DATE: 10/31/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4728
SHEET 1 OF 5

R:\Clients\Plastpro, Inc PERMANENT\B - TD\N\TDI - DR 970 - 4x8 Opaque Fiberglass Single Door\C - Drawings\TX-4728.dwg, 1-2



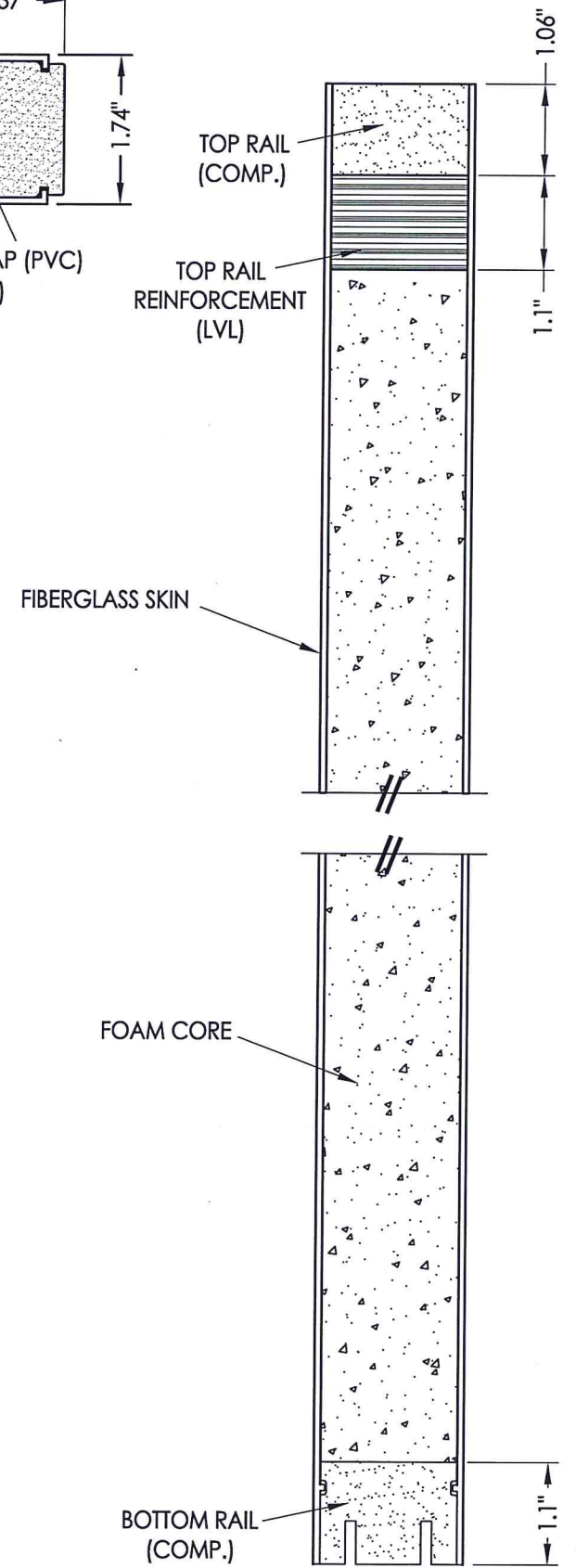
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2 **HORIZONTAL CROSS SECTION**



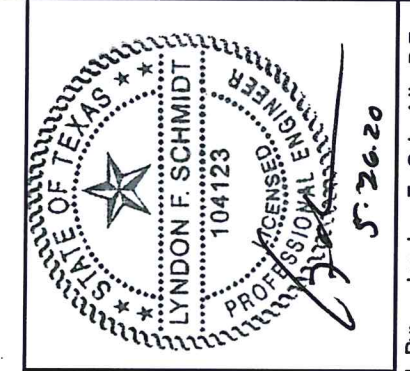
2
2 **40 PLASTPRO DOOR PANEL**

FIBERGLASS DOOR SKIN: MIN. 0.100" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

HARDWARE CHART	
MANUFACTURER	MODEL
KWIKSET	LOCK: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (780)



2
2 **VERTICAL CROSS SECTION**



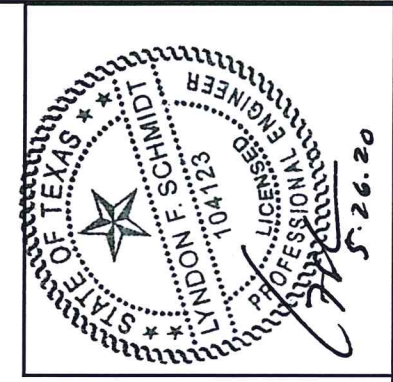
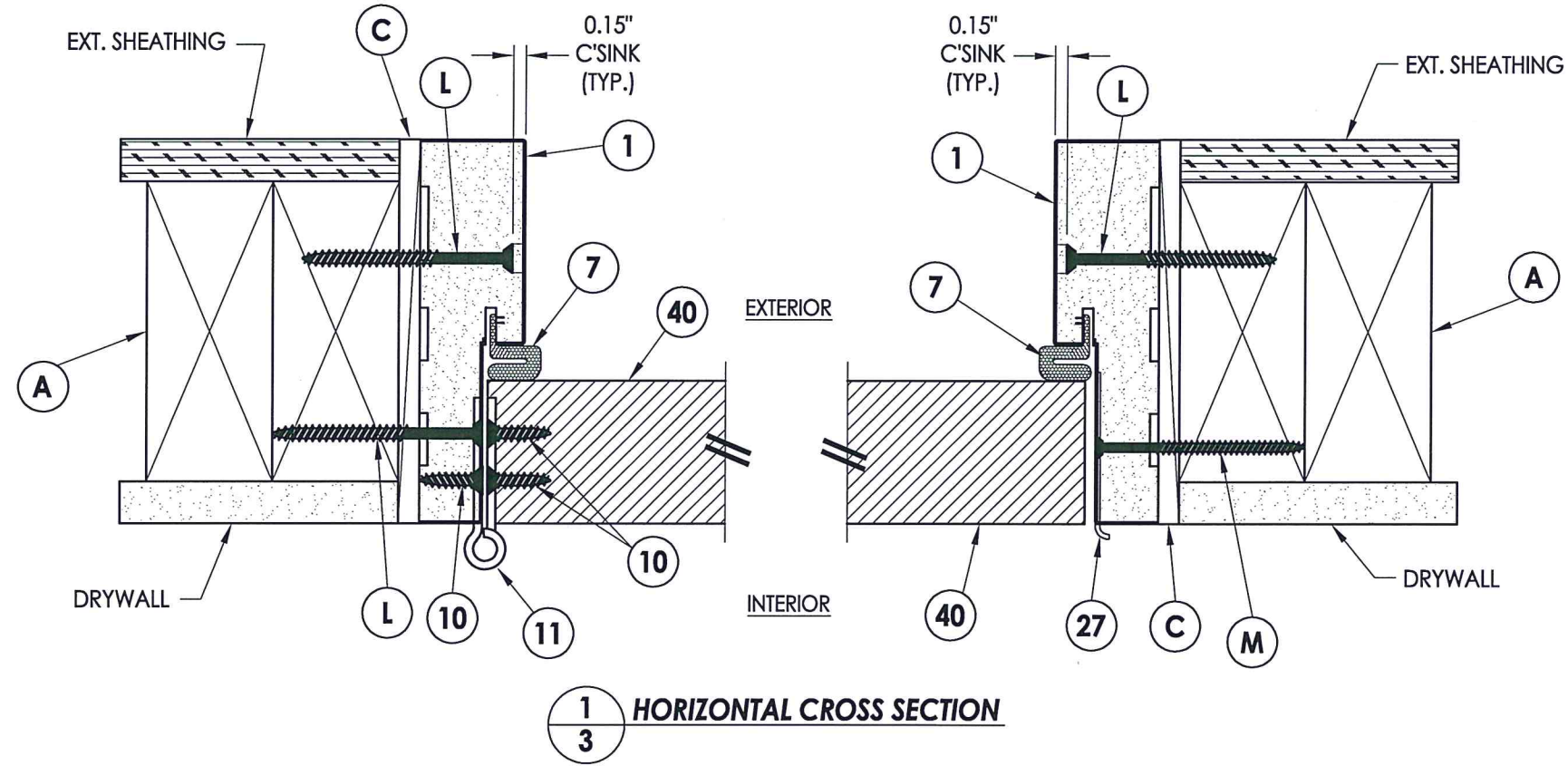
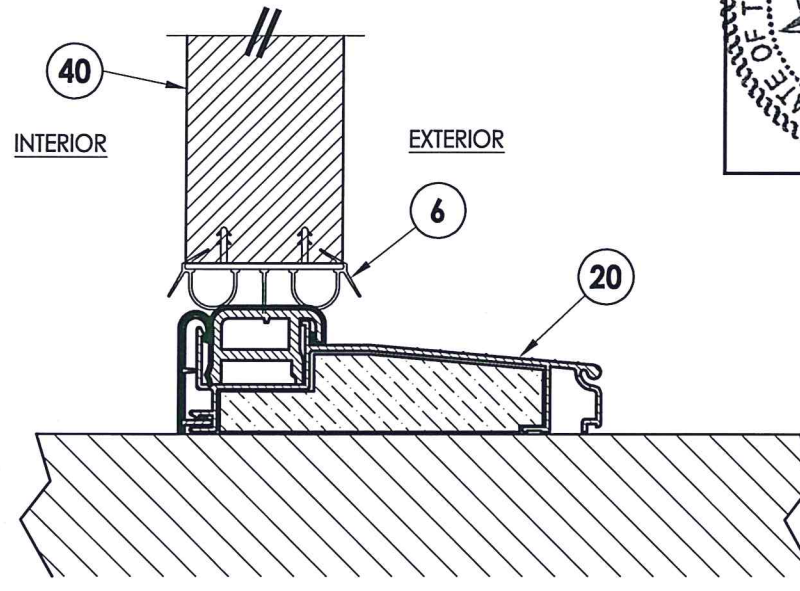
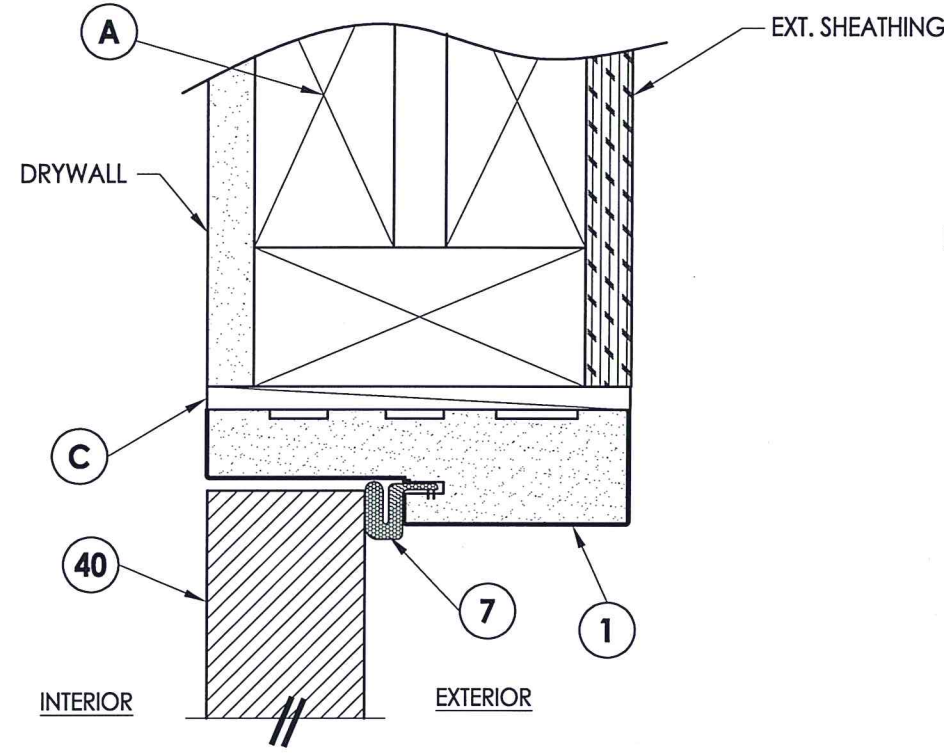
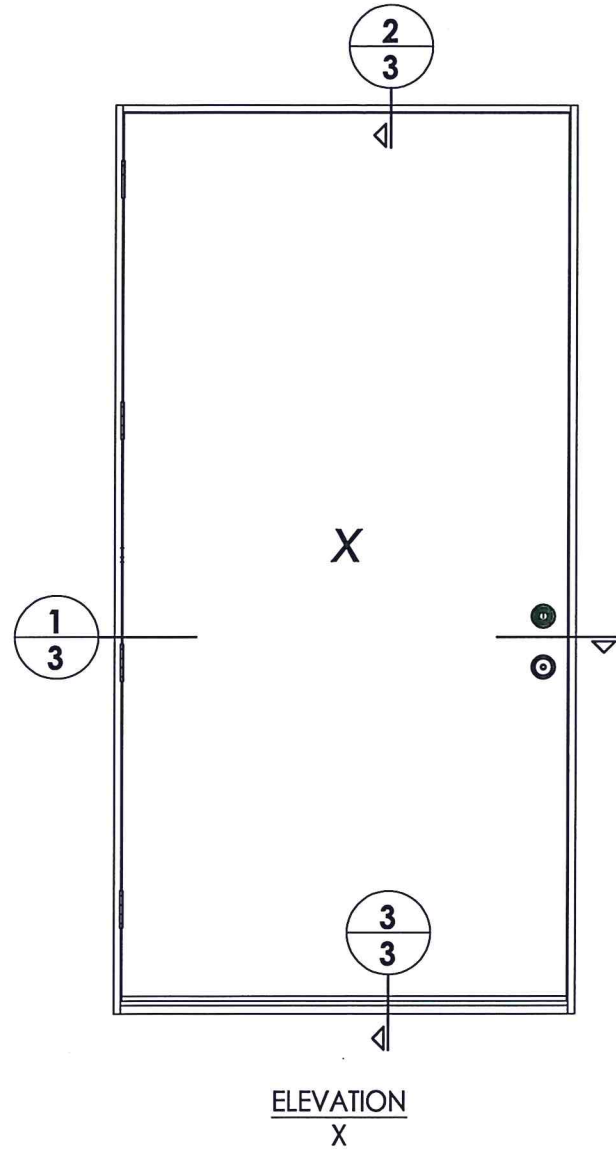
Documents Prepared By: Lyndon F. Schmidt, P.E.
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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	DOOR PANEL DETAILS
DATE:	10/31/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4728
SHEET	2 OF 5

NO.	DATE	DESCRIPTION	BY
1	5/21/20	UPDATE TO 2018 IBC/IRC CODE	LFS
REVISIONS			



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

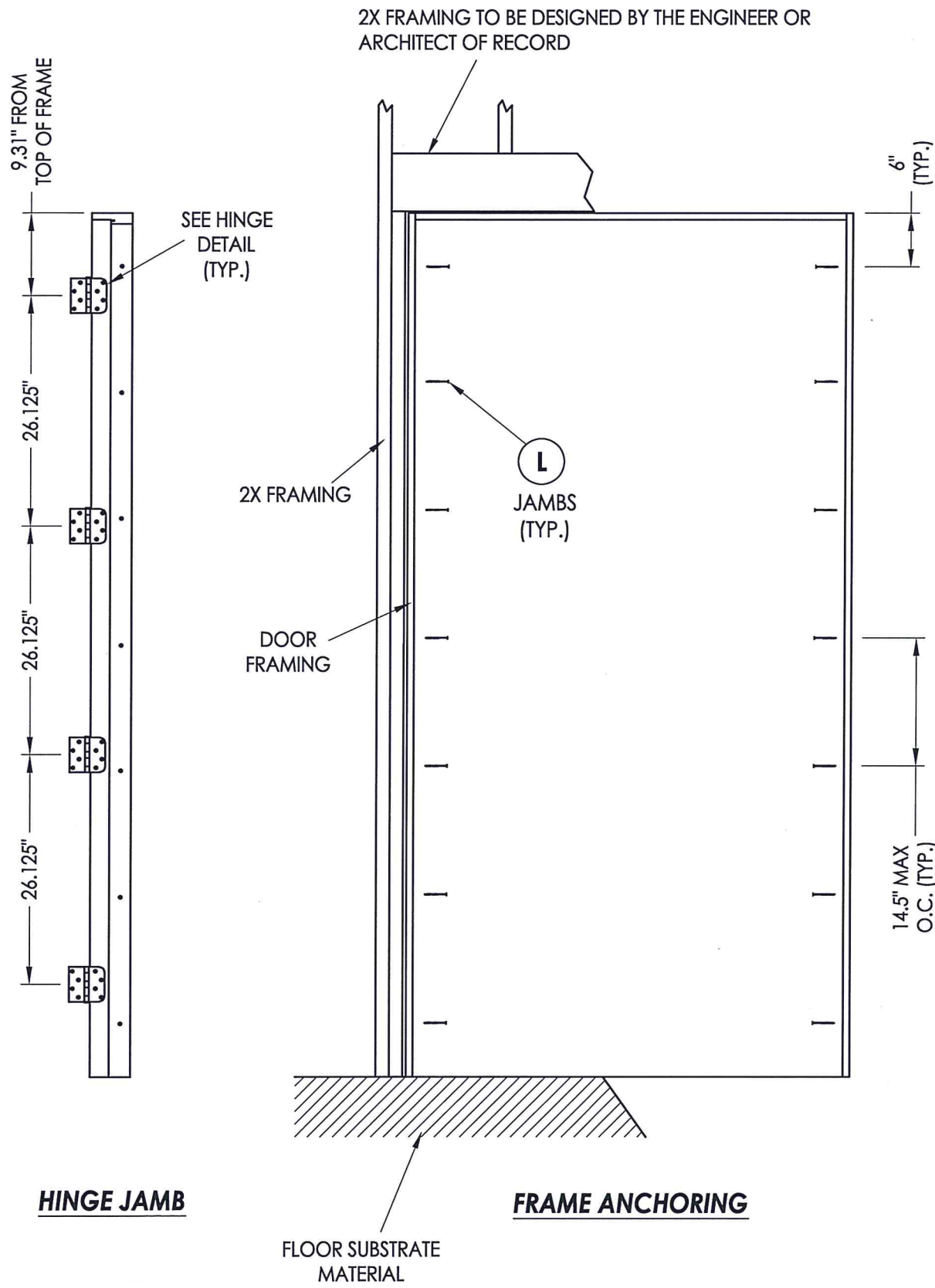
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS

NO.	DATE	DESCRIPTION	LFS	BY
1	5/21/20	UPDATE TO 2018 IBC/IRC CODE	LFS	BY

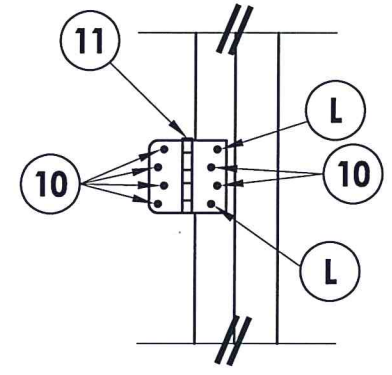
DATE: 10/31/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4728
SHEET 3 OF 5



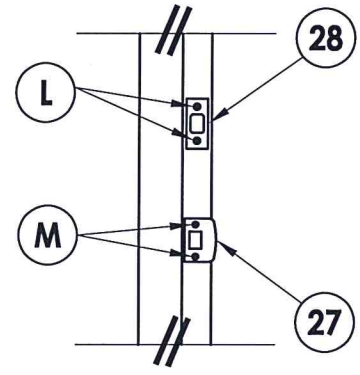
HINGE JAMB

FRAME ANCHORING

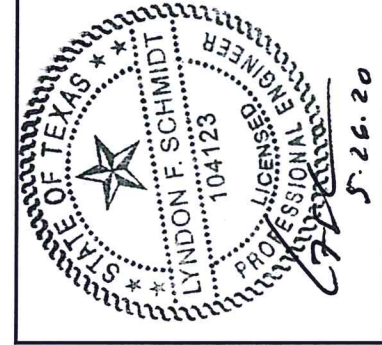
STRIKE JAMB



HINGE DETAIL



LATCH & DEADBOLT DETAIL



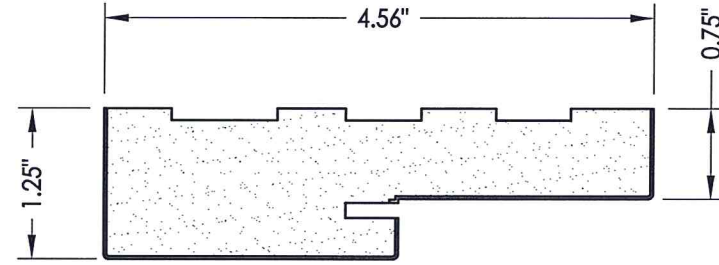
Documents Prepared By: Lyndon F. Schmidt, P.E.
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Phone No.: 813.659.9197
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CERTIFICATE OF REGISTRATION # F-11852

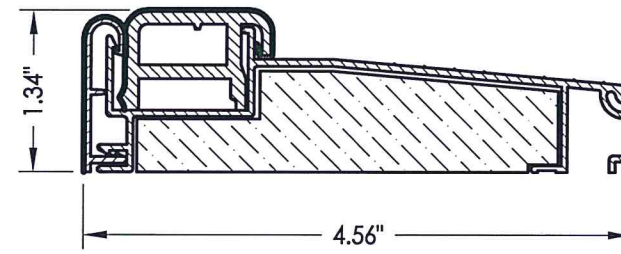
PRODUCT:		PLASTPRO FIBERGLASS DOOR	
PART OR ASSEMBLY:		FRAME ANCHORING	
NO.	DATE	DESCRIPTION	BY
1	5/21/20	UPDATE TO 2018 IBC/IRC CODE	LFS

DATE: 10/31/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4728
SHEET 4 OF 5

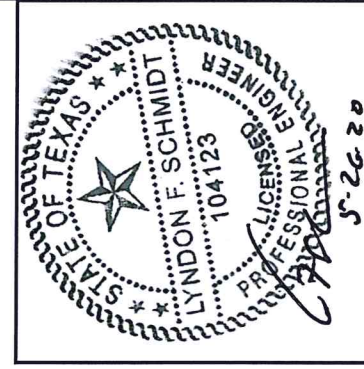
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	#8 X 2-1/2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP.
6	DOOR SWEEP	PVC
7	WEATHERSTRIP (Q-LON)	FOAM
10	#10 X 1" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
20	INSWING THRESHOLD	ALUM/COMP
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
40	DOOR PANEL	-



1 HEAD & SIDE JAMBS
Poly Fiber



20 INSWING THRESHOLD
Worldwide



Documents Prepared By: Lyndon F. Schmidt, P.E.
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RW BUILDING CONSULTANTS, INC.
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:		PLASTPRO FIBERGLASS DOOR	
PART OR ASSEMBLY:		COMPONENTS, MULTI-POINT LOCK DETAILS & B.O.M.	
NO.	DATE	UPDATE TO 2018 IBC/IRC CODE	LFS BY
1	5/21/20		
REVISIONS			
DATE: 10/31/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4728			
SHEET 5 OF 5			