



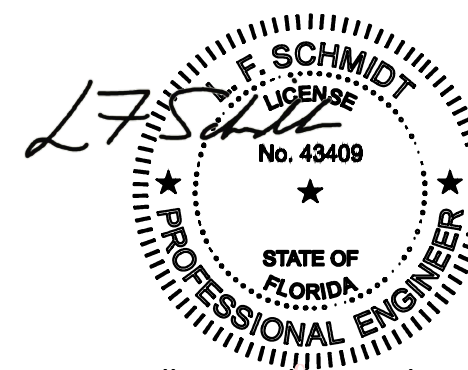
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

20 MIN. FIRE RATED
"IMPACT" FIBERGLASS DOOR
INSWING/OUTSWING

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ). Note: Fire rating is not part of this approval and it is the responsibility of the Design Professional to verify adequacy of this product to meet FBC requirements for fire ratings.
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 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and excludes Wind Zone 4 as defined in ASTM E19966.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. 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 elevation, design pressures, & general notes
2	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring
6	Bill of materials & components



Digitally signed by Lyndon F
Schmidt
Date: 2026.07.29 15:16:06 -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
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must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

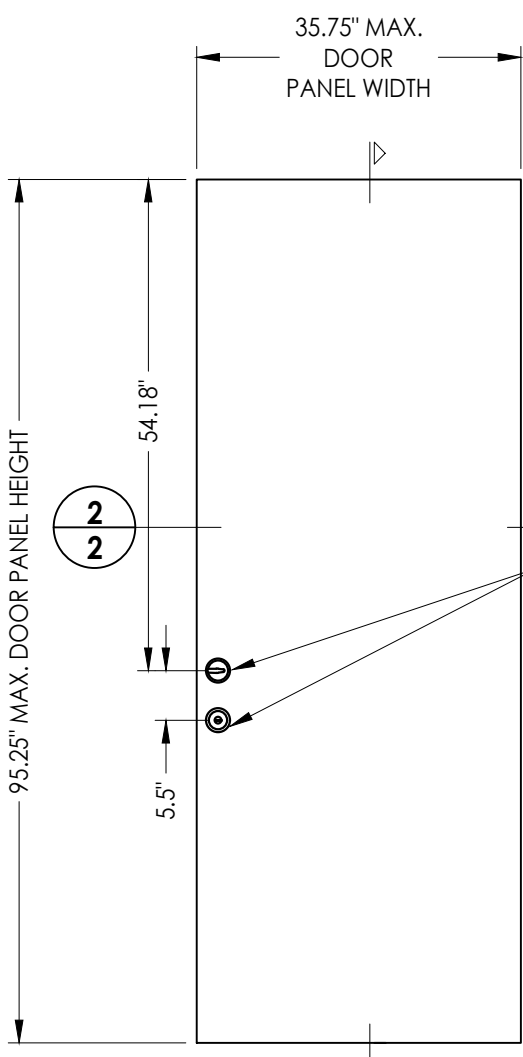
SWING	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSI)	
		POSITIVE	NEGATIVE
INSWING	37.5" x 98.13"	+65.0	-65.0
OUTSWING	37.5" x 97.13"	+65.0	-65.0

DATE: 02/20/12								PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
SCALE: N.T.S.											
DWG. BY: JK											
CHK. BY: LFS										PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
DRAWING NO.: FL-15219.6											
SHEET 1 of 6											
		NO.		DATE				BY			
										</	

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

R²W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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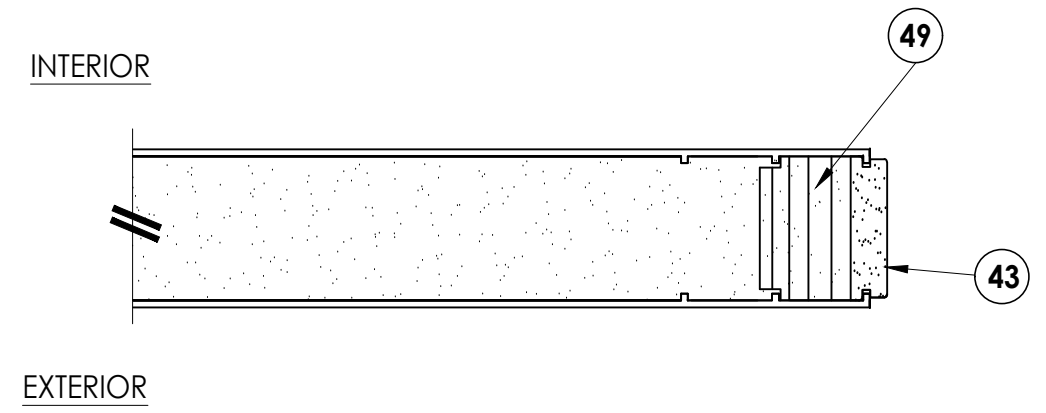
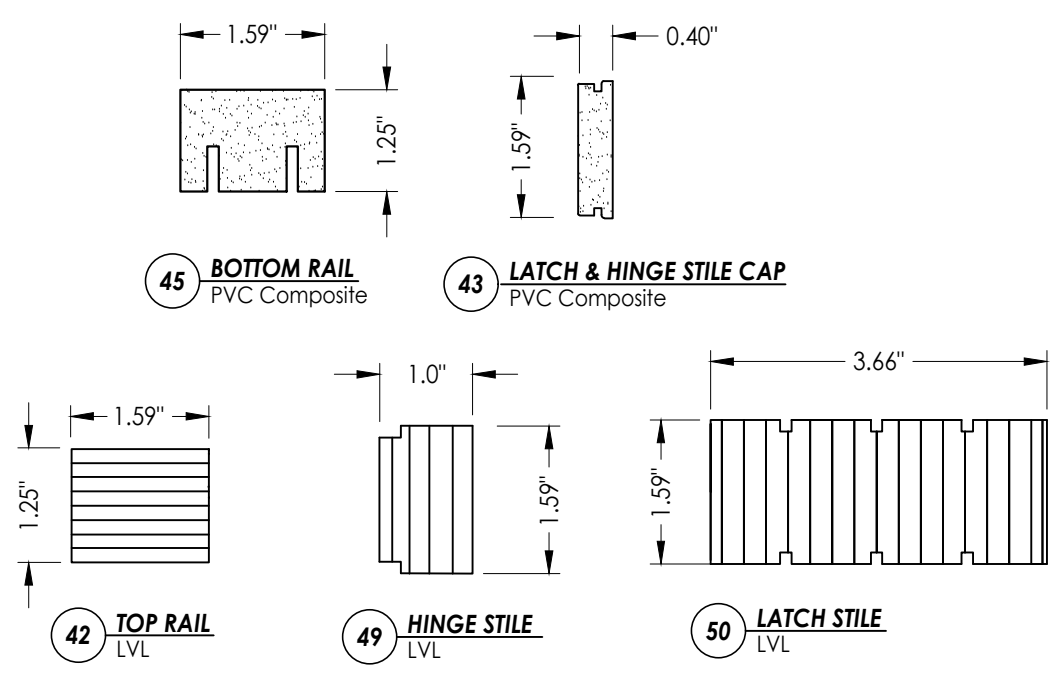


1
2

40 DOOR PANEL

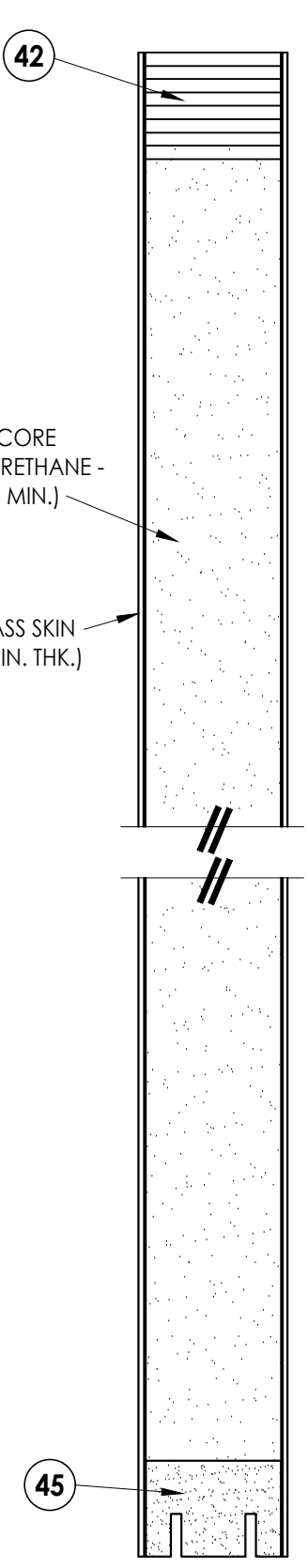
2 HORIZONTAL CROSS SECTION
2

HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (780)



FOAM CORE
(POLYURETHANE -
1.9 PCF MIN.)

FIBERGLASS SKIN -
(0.075" MIN. THK.)



1 2 VERTICAL CROSS SECTION

[illegible]

DATE:	02/20/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15219.6
SHEET	2 OF 6

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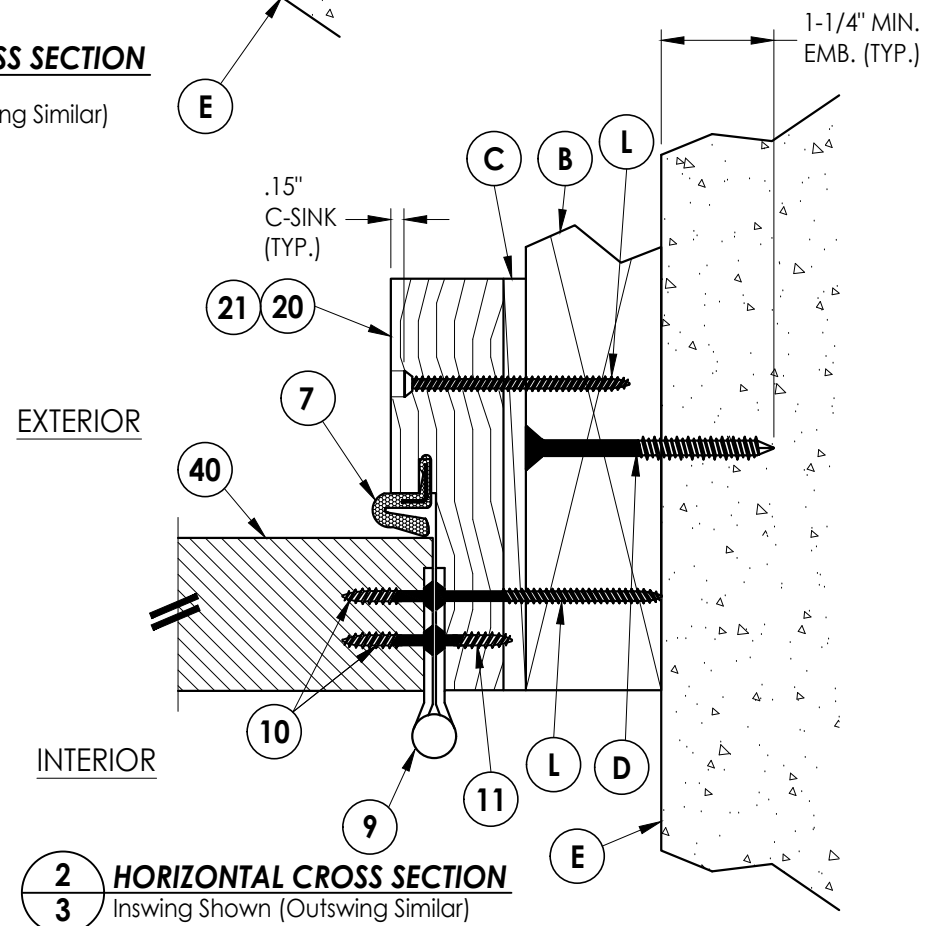
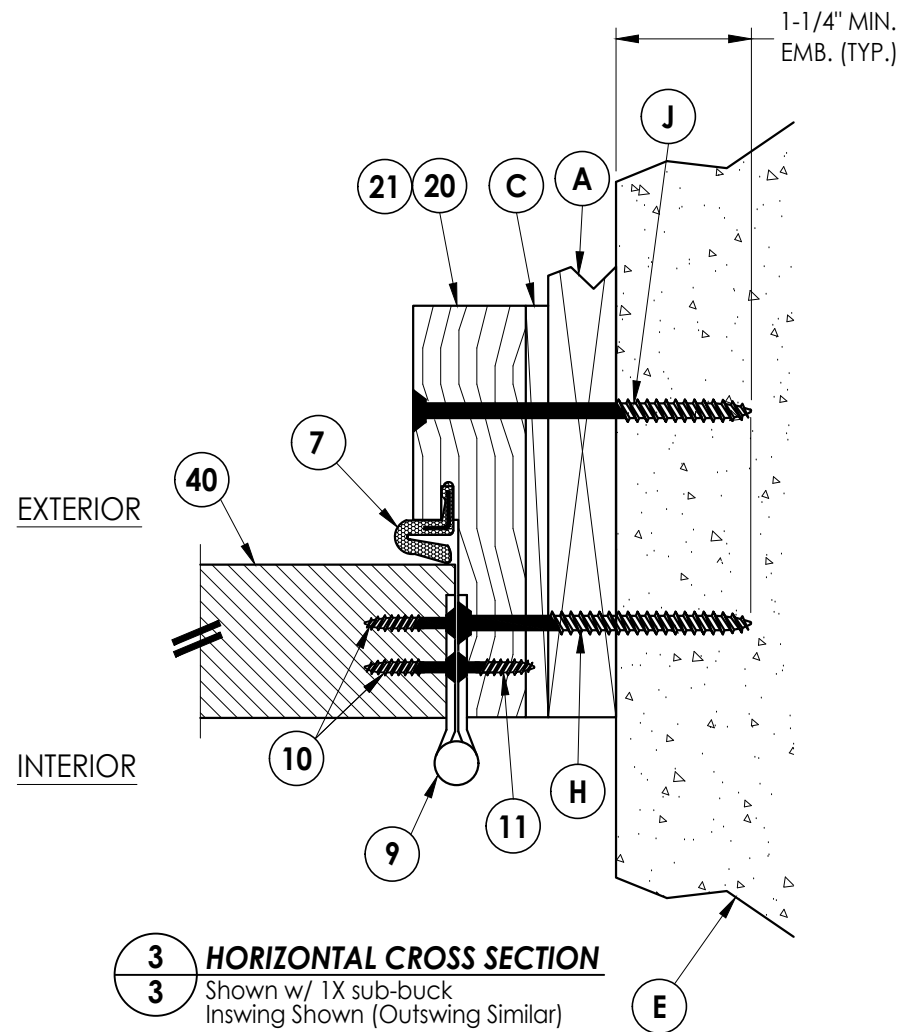
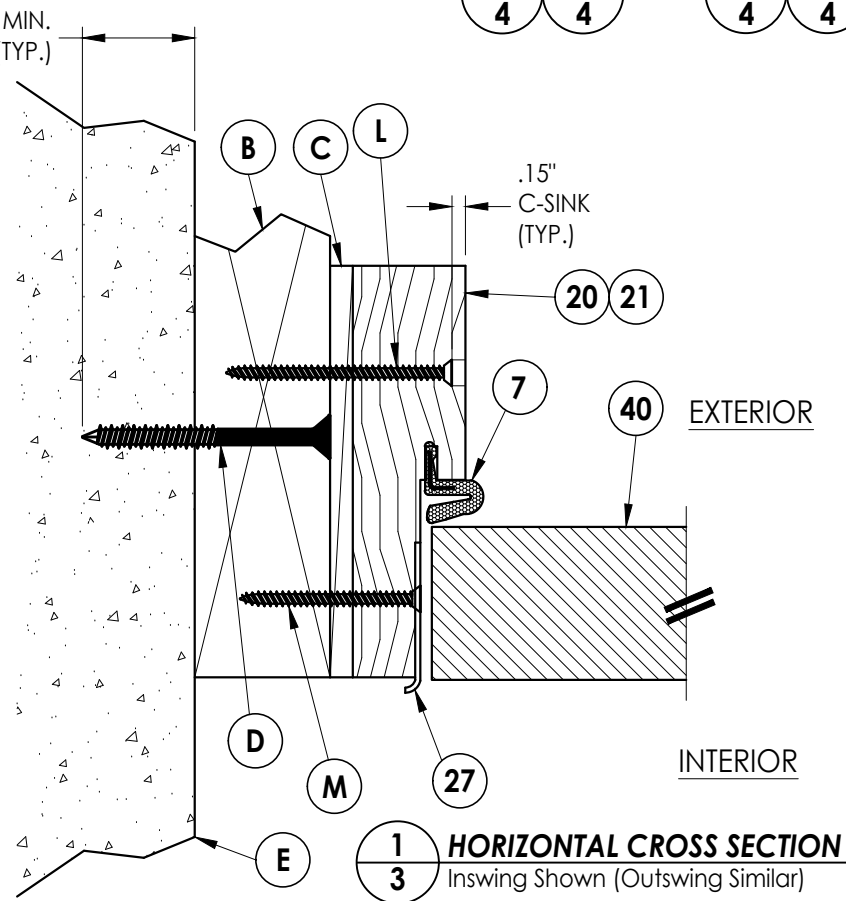
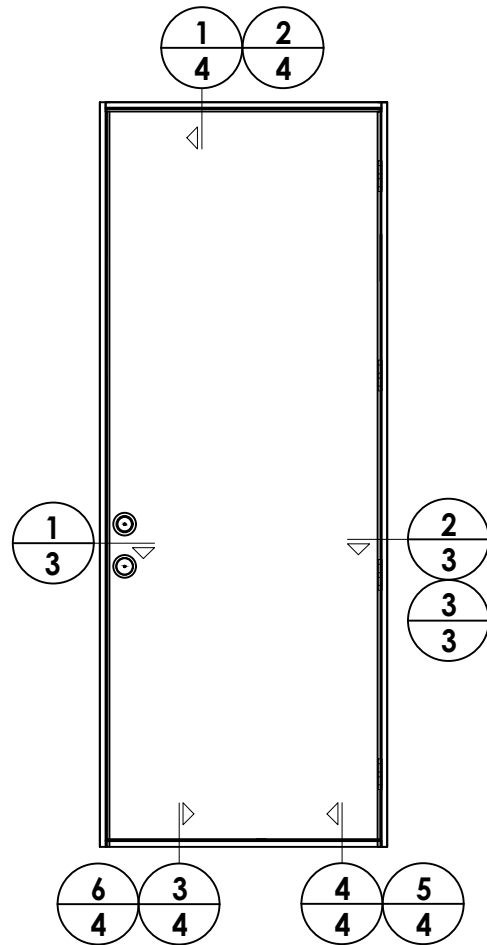
PLASTPRO INC.
FIBERGLASS DOOR

FOR ASSEMBLY:

DOOR ASSEMBLY: DOOR PANEL DETAILS

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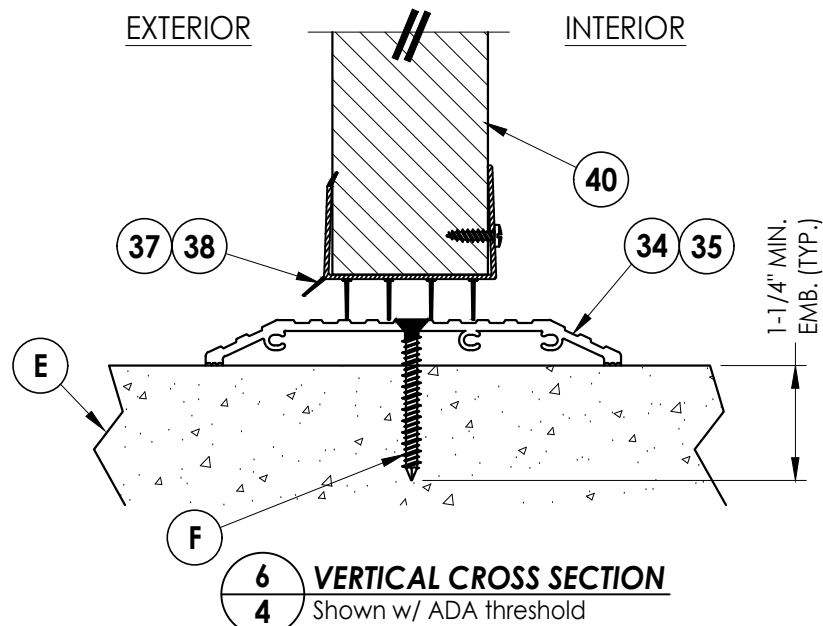
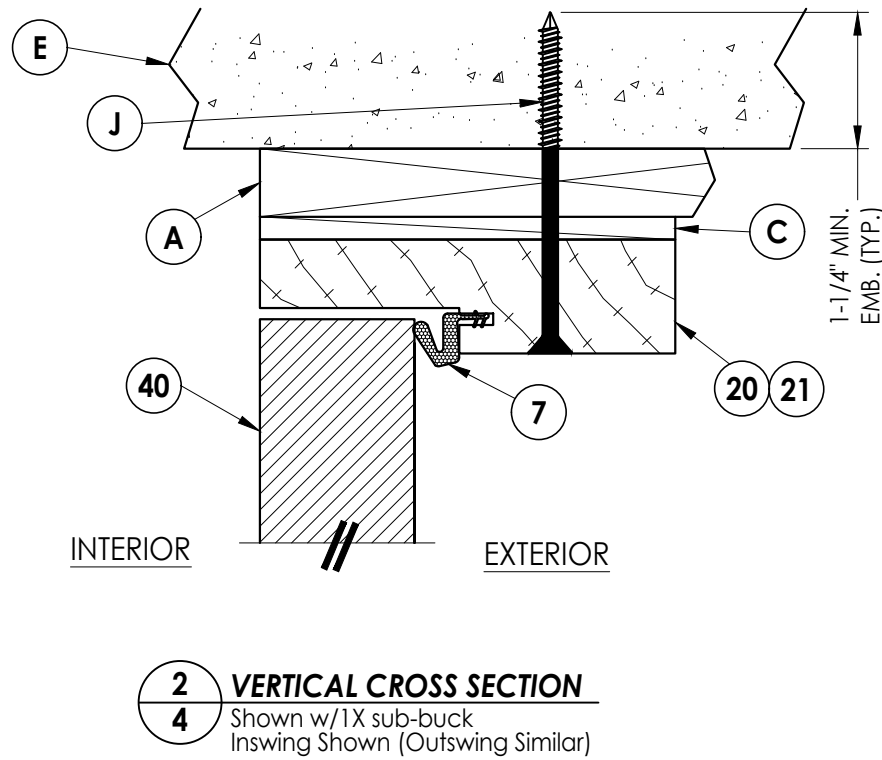
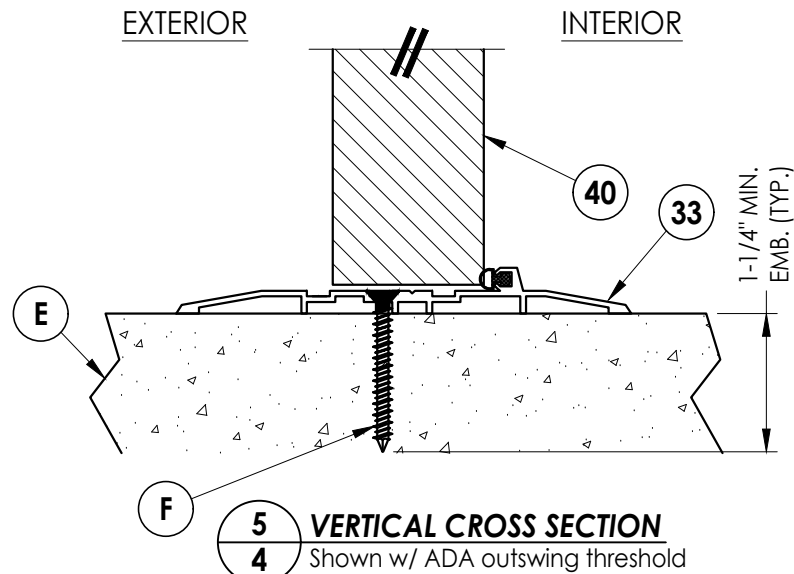
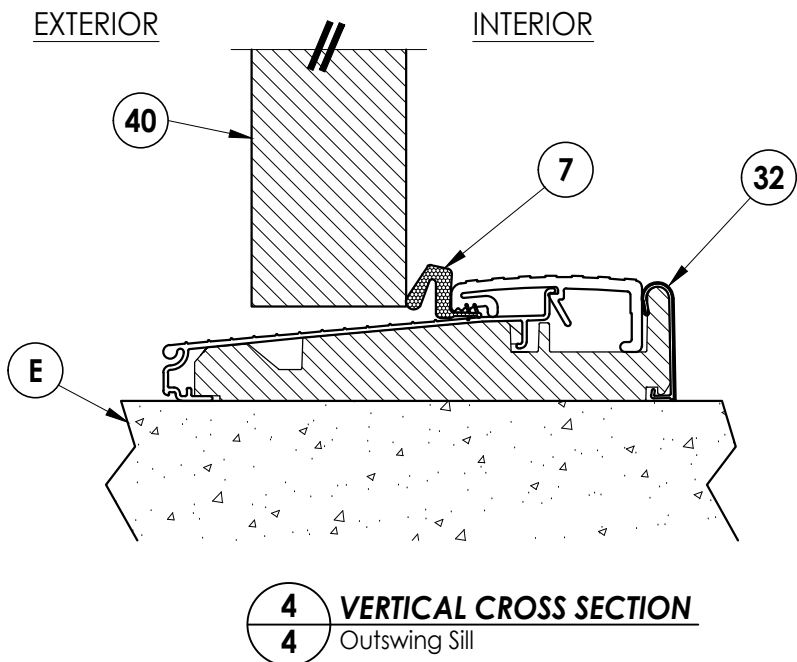
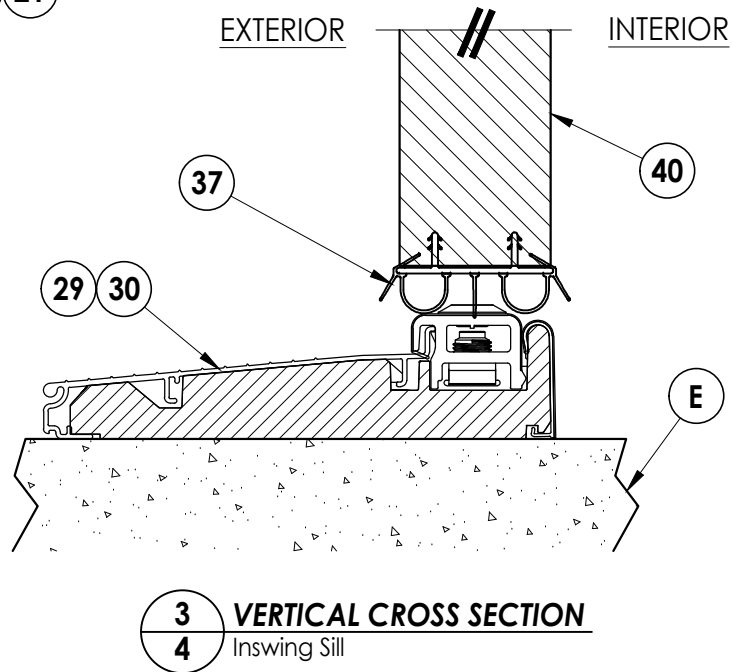
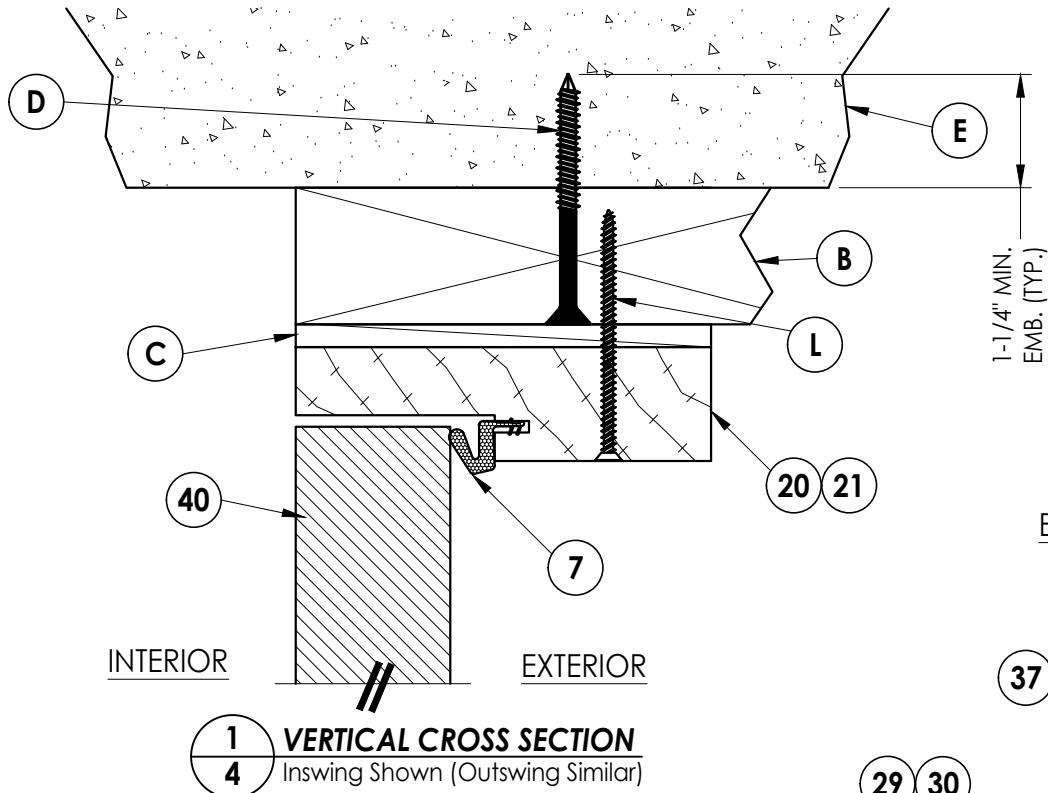
1-1/4" MIN.
EMB. (TYP.)

[illegible]

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G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15219 R7\FL-15219.5-6.dwg



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FBPE Registry No. 9813

PRODUCT:

PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

NO.	DATE	BY
6	7/02/26	LFS
5	8/14/23	LFS
4	7/23/20	LFS

DATE: 02/20/12

SCALE: N.T.S.

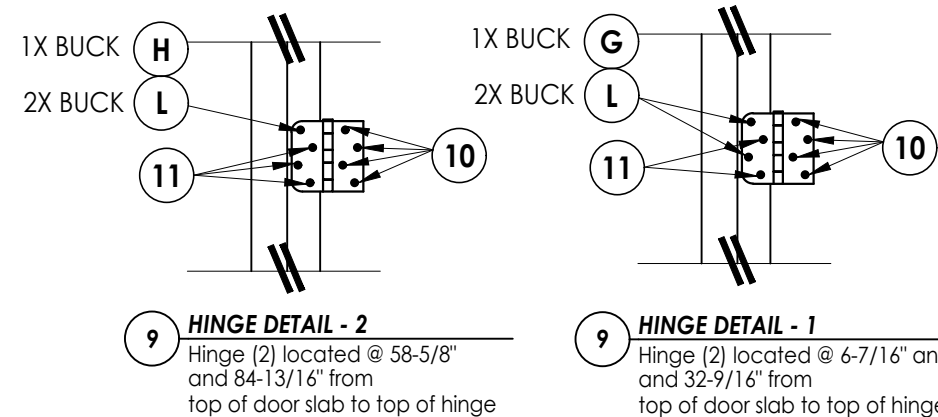
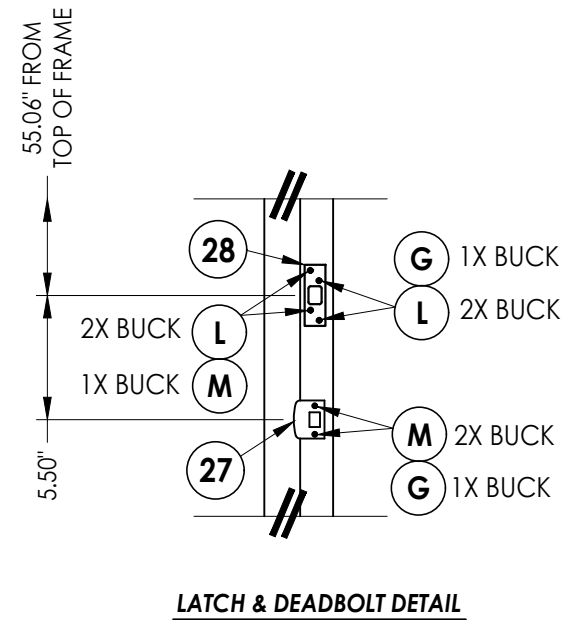
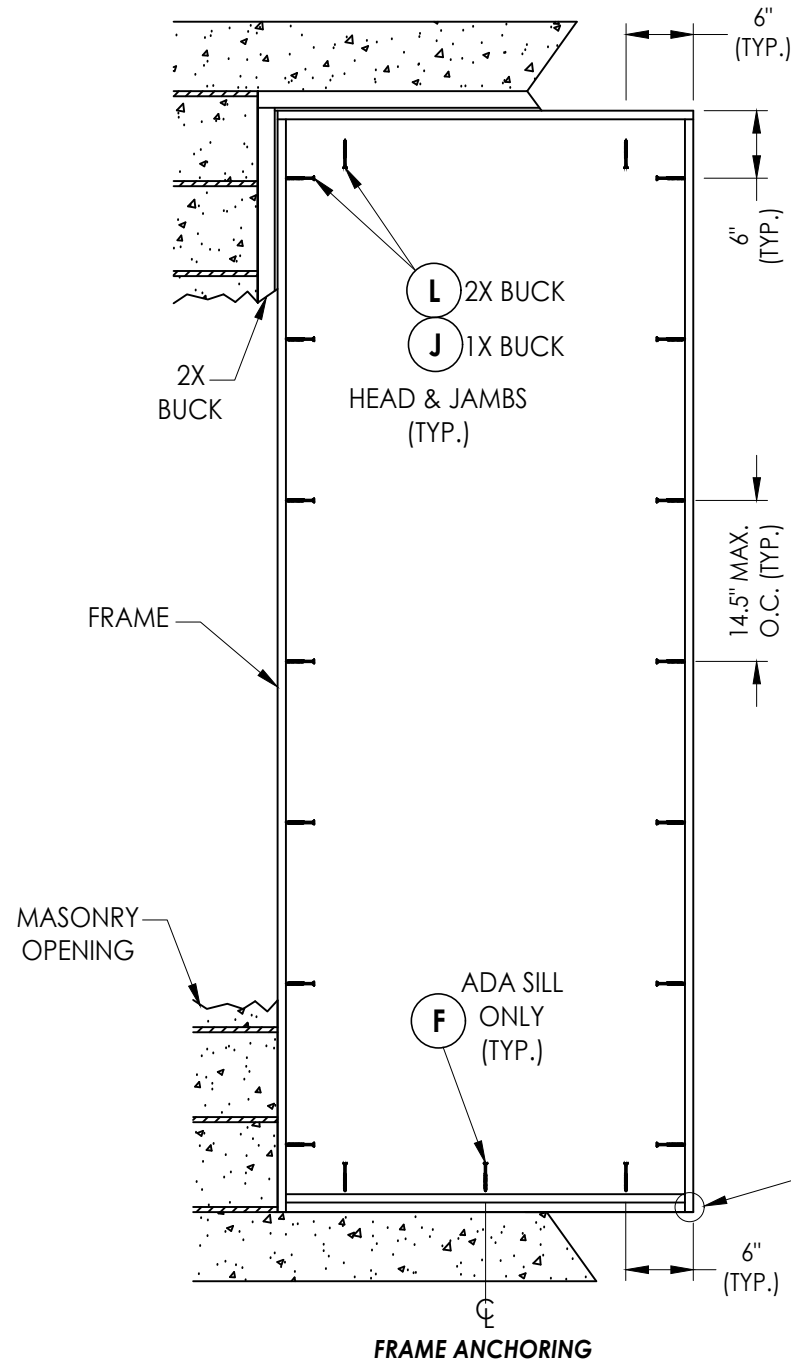
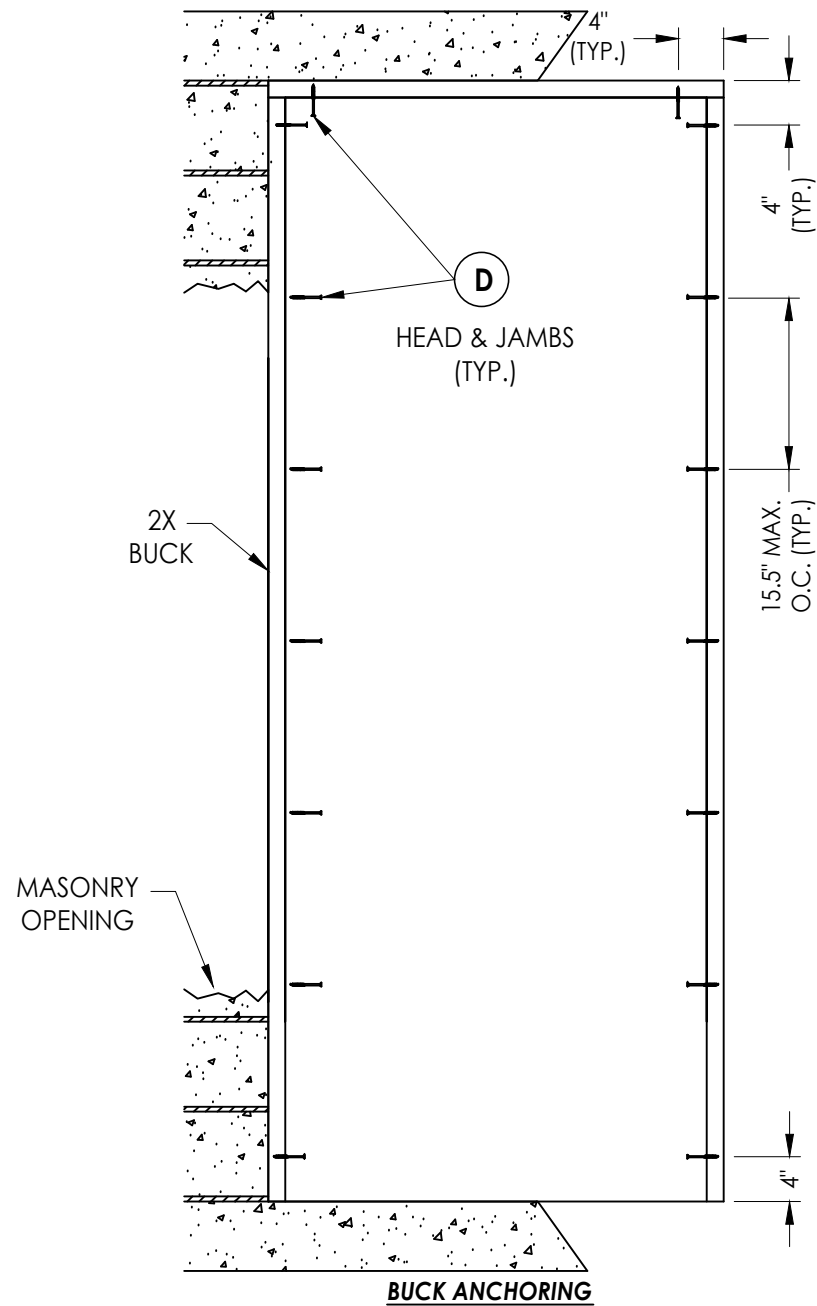
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CHK. BY: LFS

DRAWING NO.: FL-15219.6

SHEET 4 OF 6

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CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. 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"
DeWALT ULTRAACON+	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

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

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

[illegible]

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15219.6

SHEET 5 OF 6

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PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK AND FRAME ANCHORING

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