



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

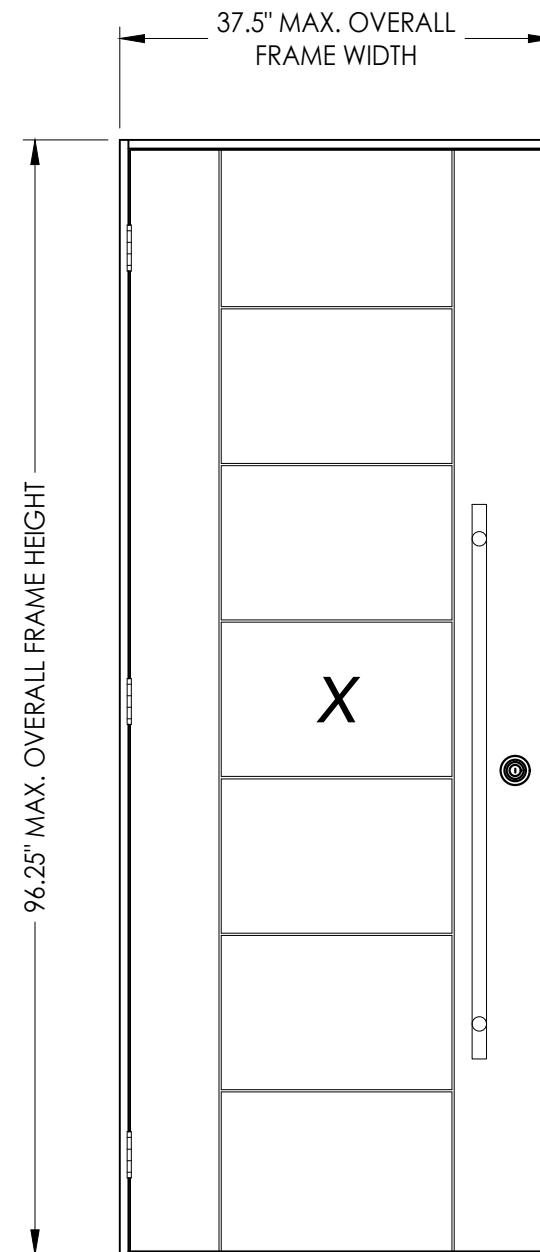
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
OUTSWING
"IMPACT"

GENERAL NOTES

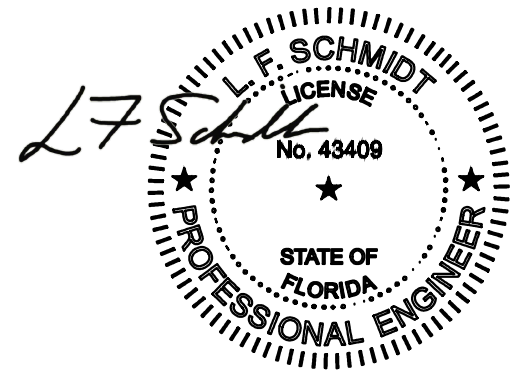
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in 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.
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 using the high dam threshold (Item #30), meet water infiltration requirements for the "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.

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SHEET#	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
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4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Vertical Cross Sections (Thresholds)
8	Buck & frame anchoring
9	Bill of materials & components



MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
37.5" x 96.25"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.28 13:51:23 -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, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

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

REVISIONS			
NO.	DATE	BY	
2	7/02/26	LFS	UPDATE TO 9TH ED. (2026) FBC
1	8/17/23	LFS	UPDATE TO 8TH ED. (2023) FBC

DATE: 6/09/22

SCALE: N.T.S.

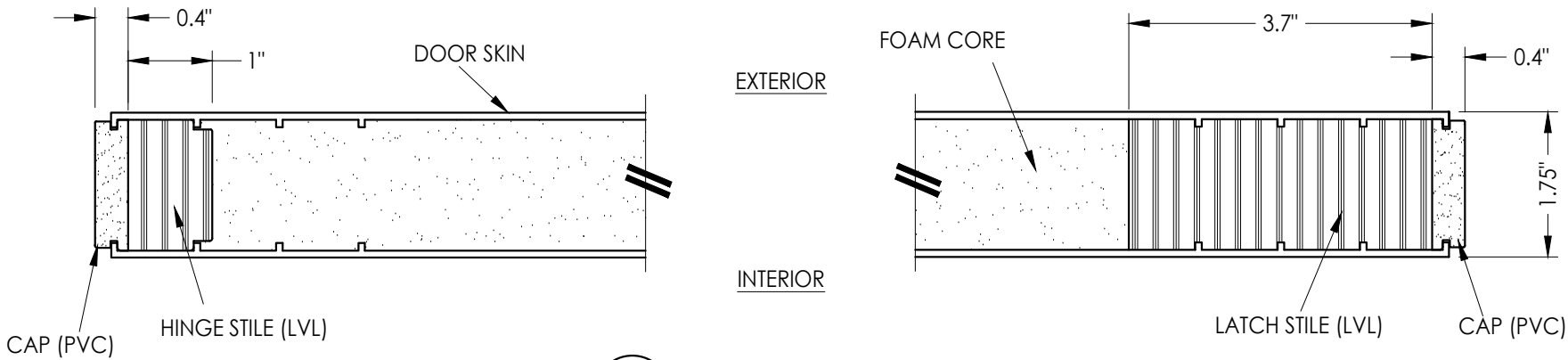
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CHK. BY: RW

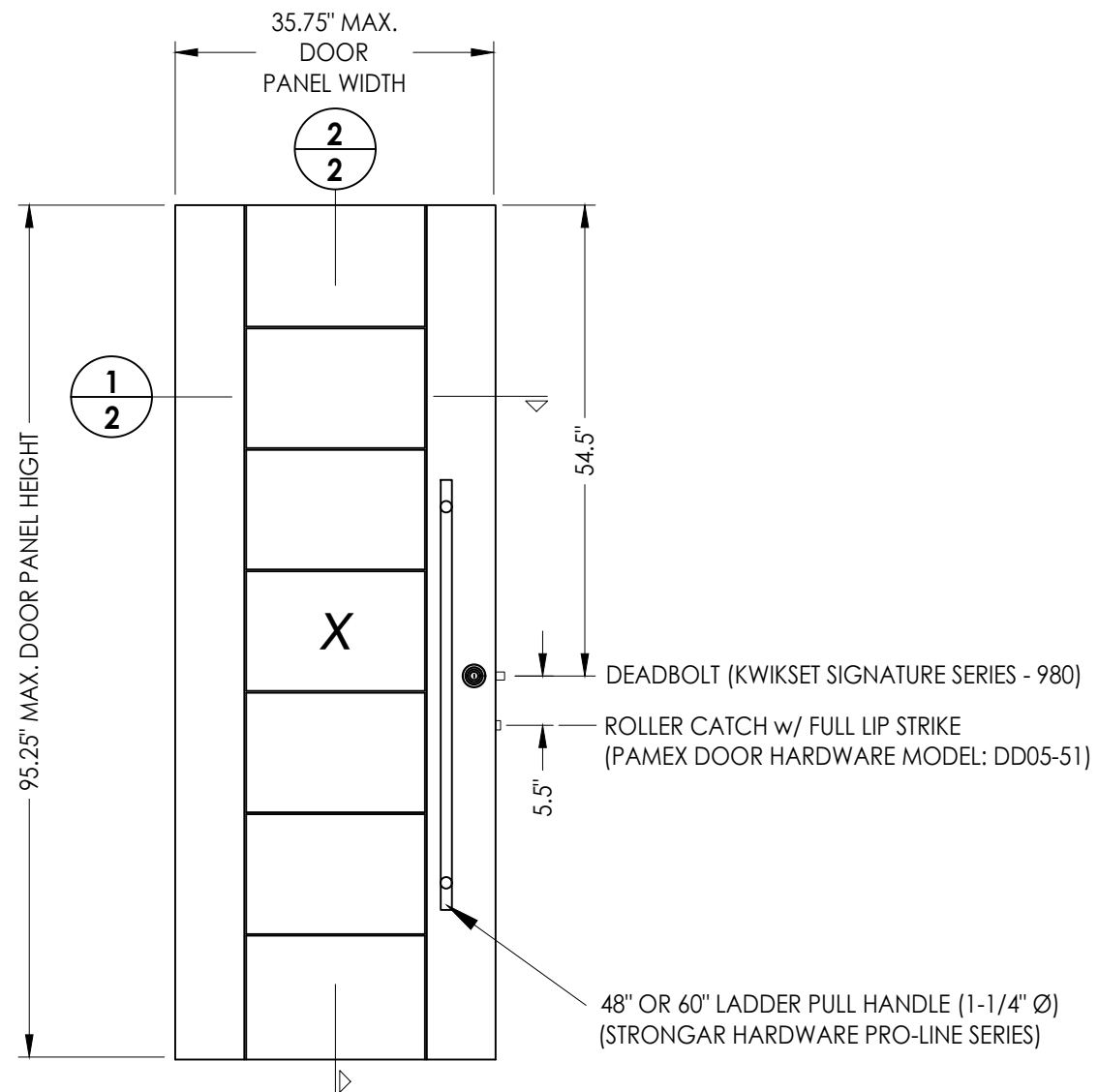
DRAWING NO.:
FL-15210.16

SHEET 1 OF 9

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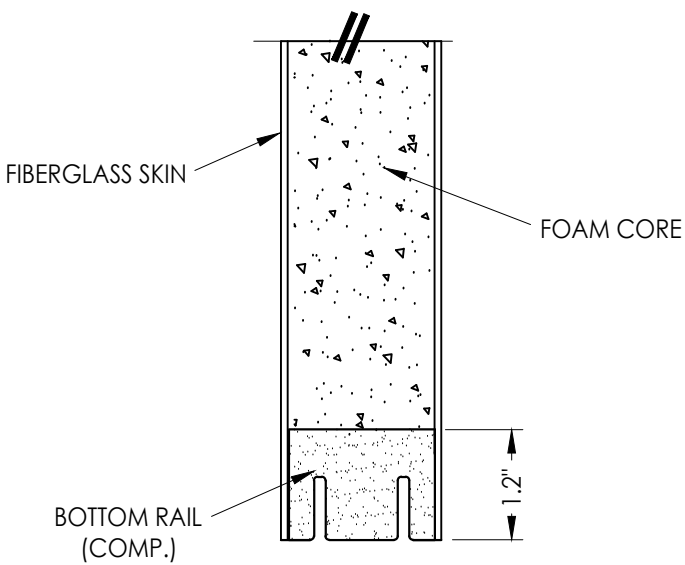
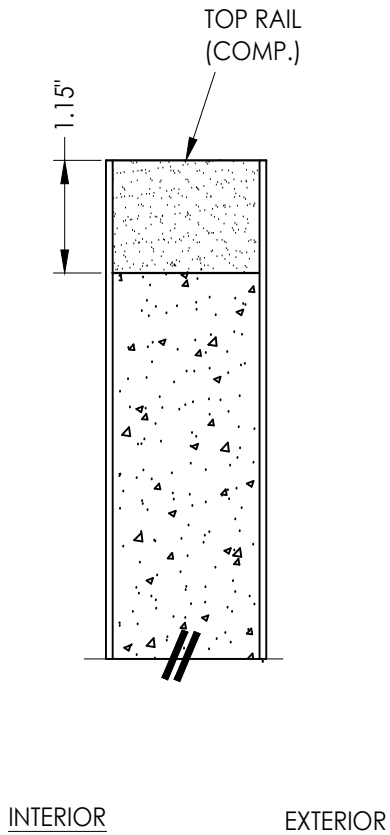


1
2 **HORIZONTAL CROSS SECTION**



40 **DOOR PANEL**

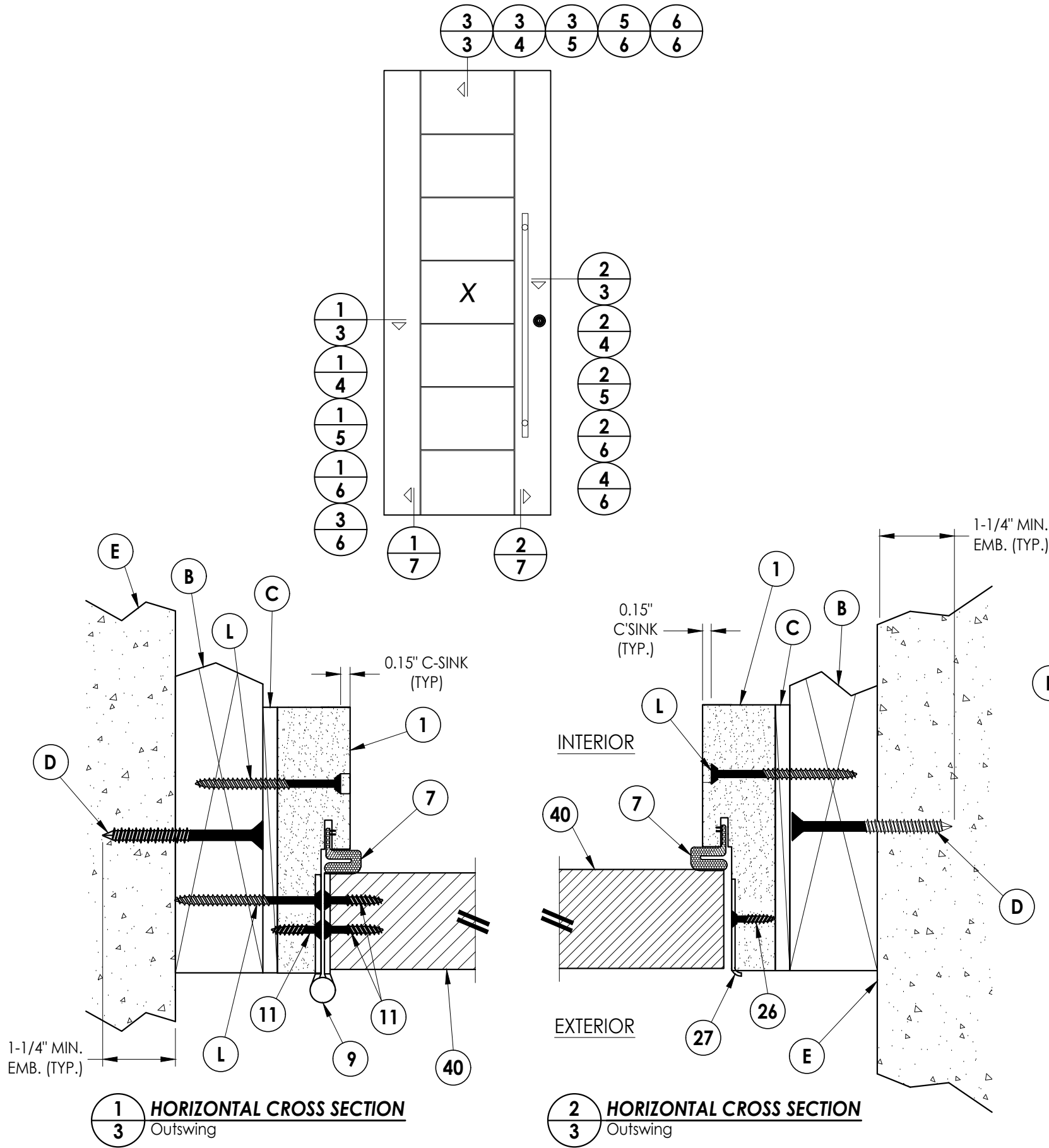
FIBERGLASS DOOR SKIN: MIN. 0.113" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)



2
2 **VERTICAL CROSS SECTION**

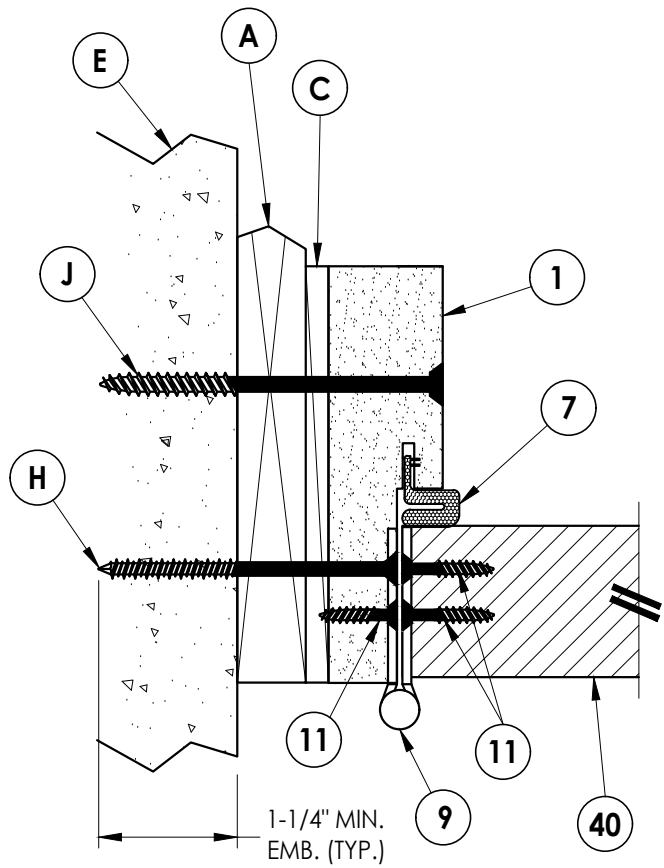
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR				PART OR ASSEMBLY: DOOR PANEL DETAILS			
				LFS	FBC	DATE	BY
				2	7/02/26	UPDATE TO 9TH ED. (2026)	
				1	8/17/23	UPDATE TO 8TH ED. (2023)	
REVISIONS							
DATE: 6/09/22							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-15210.16							
SHEET 2 OF 9							

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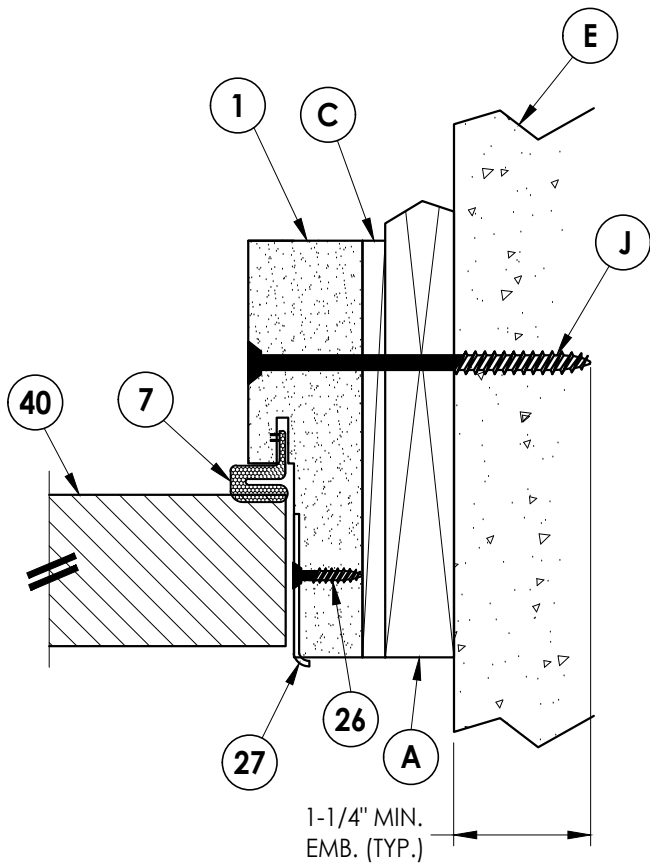
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
		LFS	BY
		FBC	
2	7/02/26	UPDATE TO 9TH ED. (2026)	
1	8/17/23	UPDATE TO 8TH ED. (2023)	
NO. DATE		REVISIONS	
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CHK. BY: RW			
DRAWING NO.: FL-15210.16			
SHEET 3 OF 9			

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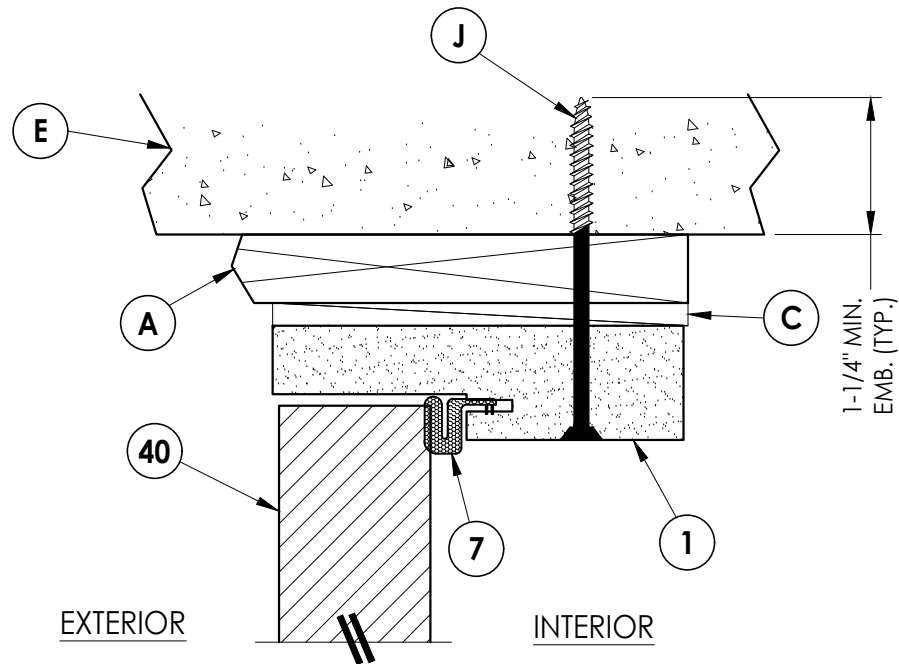


1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing

INTERIOR
EXTERIOR



2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing



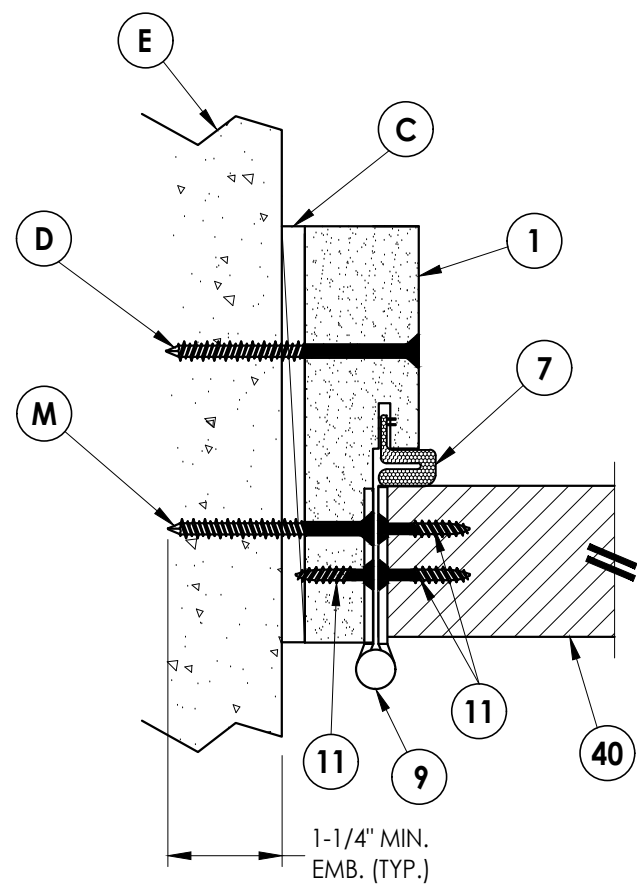
3
4 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing

DATE: 6/09/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-15210.16
SHEET 4 OF 9

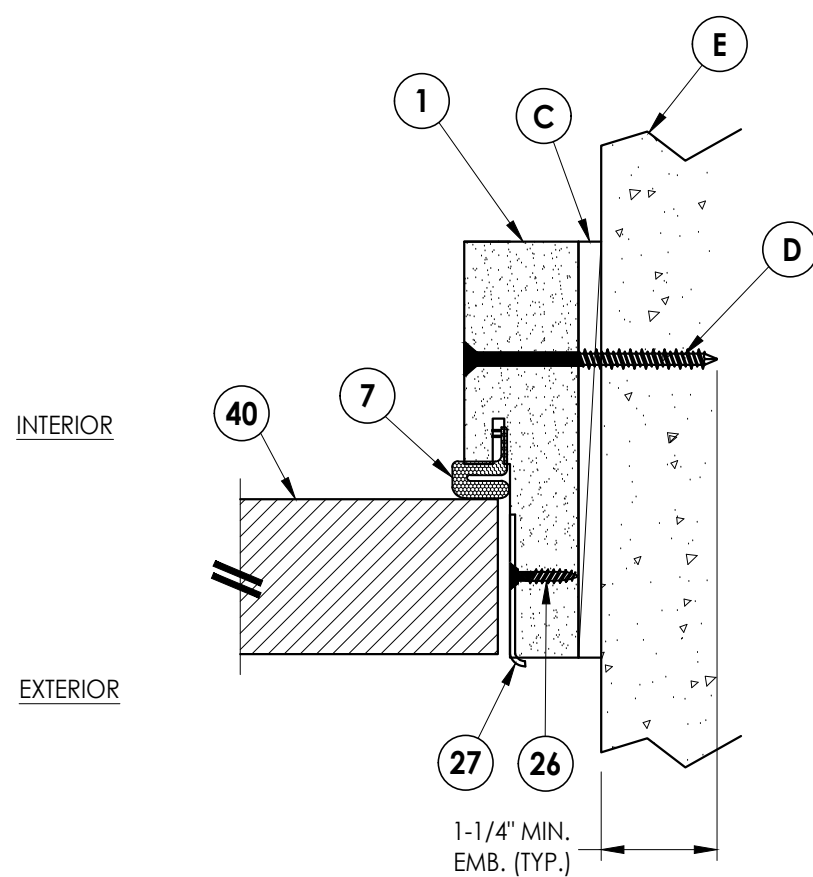
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PLASTPRO INC. FIBERGLASS DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
NO.	DATE	REVISIONS	BY
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
1	8/17/23	UPDATE TO 8TH ED. (2023) FBC	LFS

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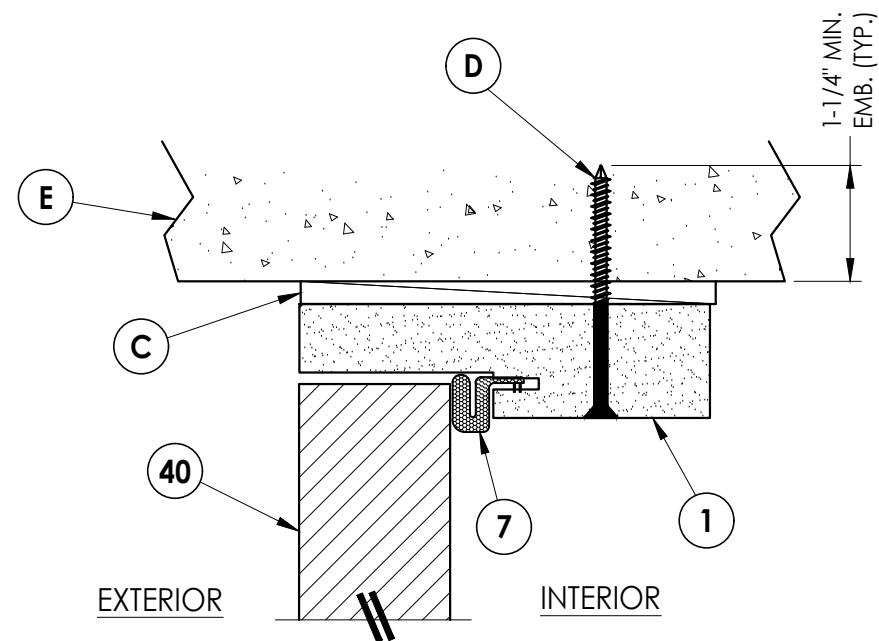
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



1 5 HORIZONTAL CROSS SECTION Shown Direct to Masonry Outswing



2 **HORIZONTAL CROSS SECTION**
5 Shown Direct to Masonry
Outswing



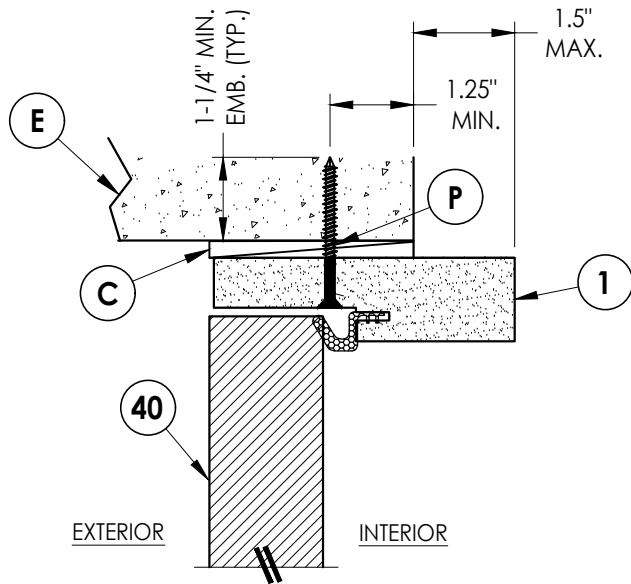
3 **VERTICAL CROSS SECTION**
5 Shown Direct to Masonry
Outswing

[illegible]

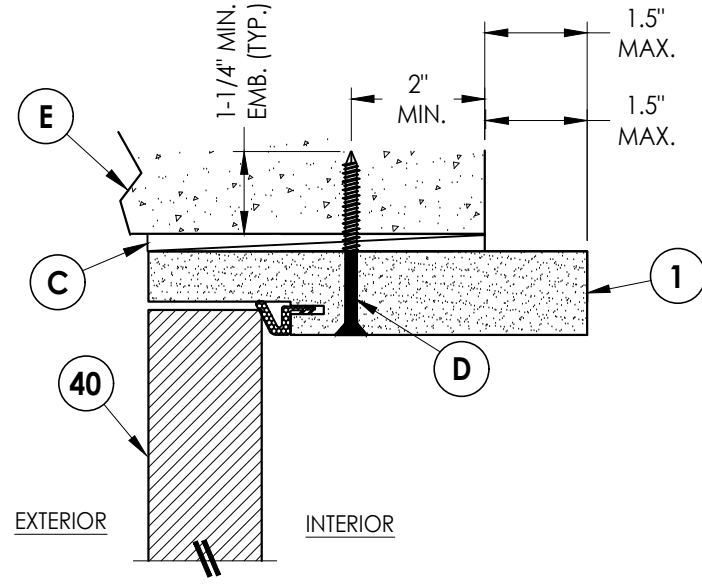
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)

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P.E. No. 43409

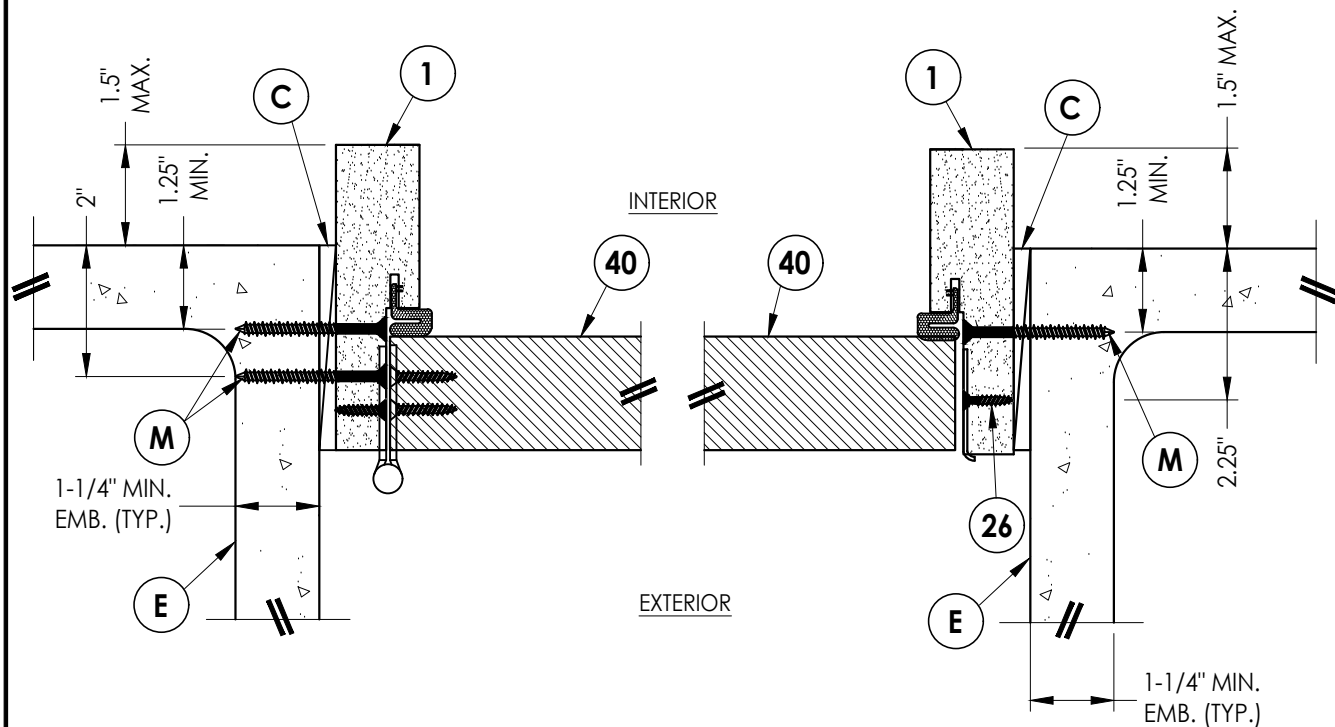
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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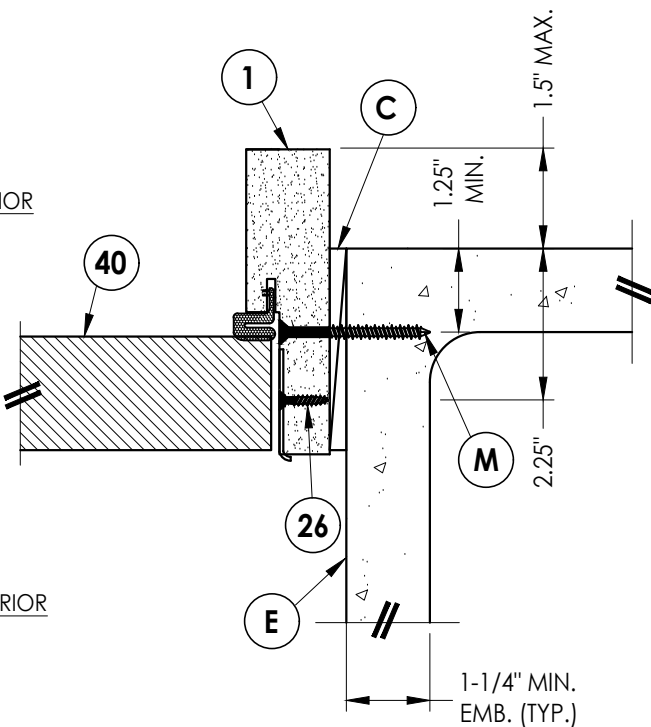
5 VERTICAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



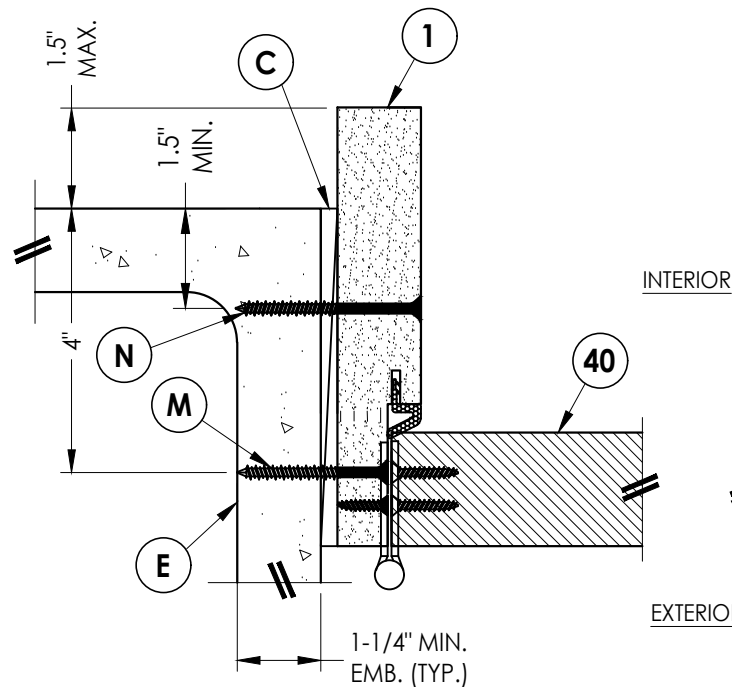
6 VERTICAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



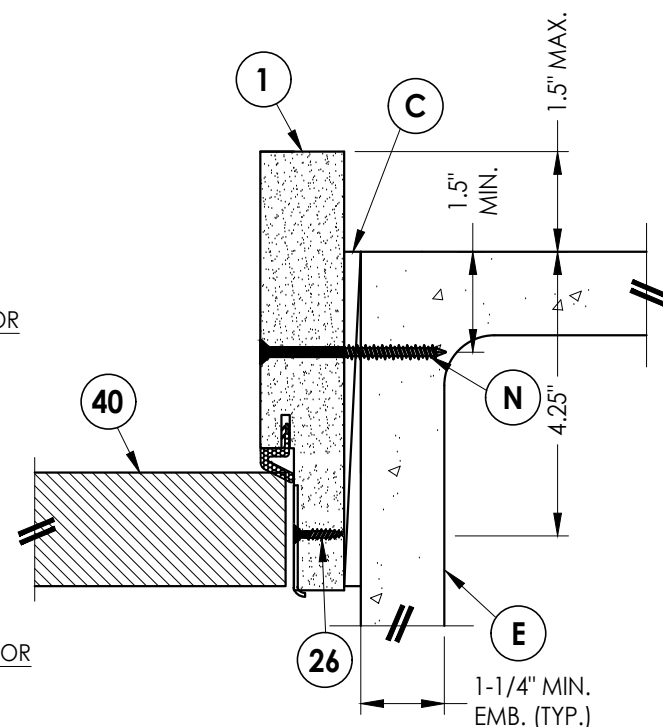
1 HORIZONTAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



2 HORIZONTAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



3 HORIZONTAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



4 HORIZONTAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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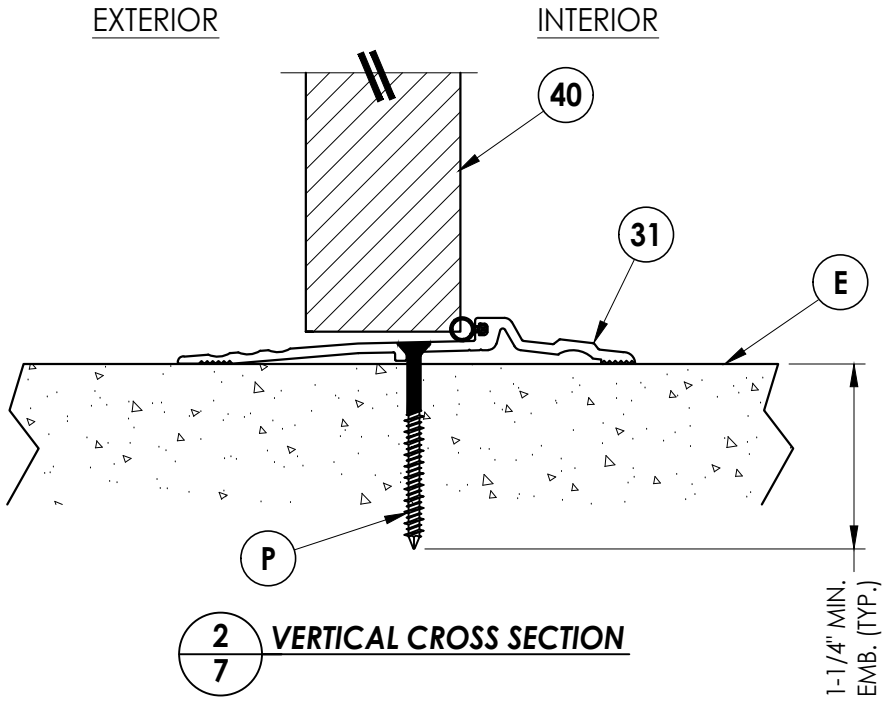
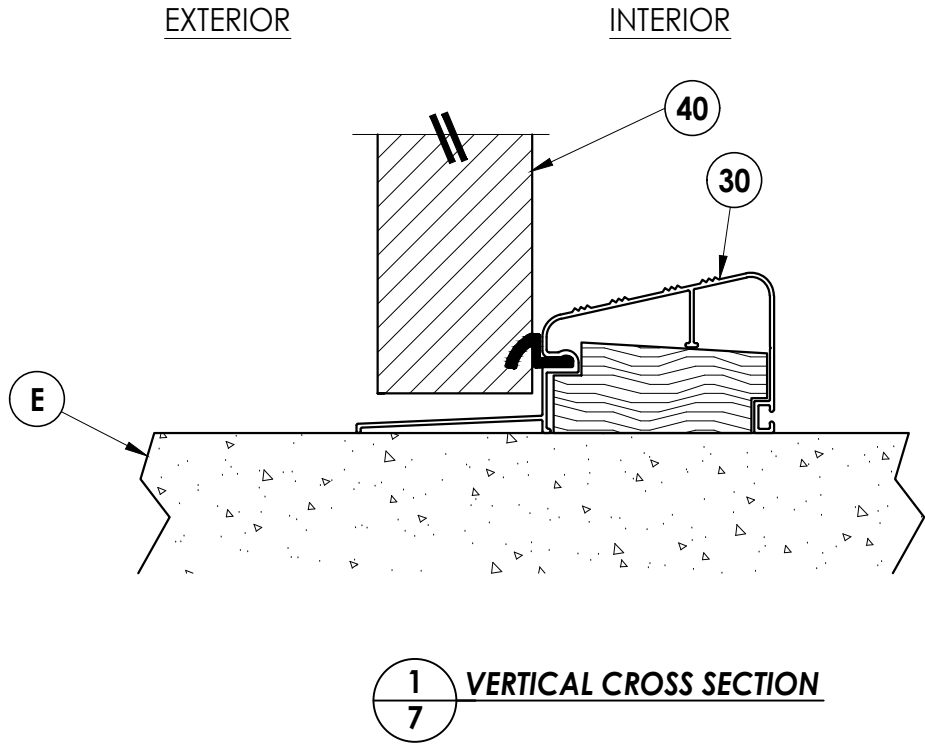
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/17/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 6/09/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-15210.16
SHEET 6 OF 9

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DATE: 6/09/22
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CHK. BY: RW
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SHEET 7 OF 9

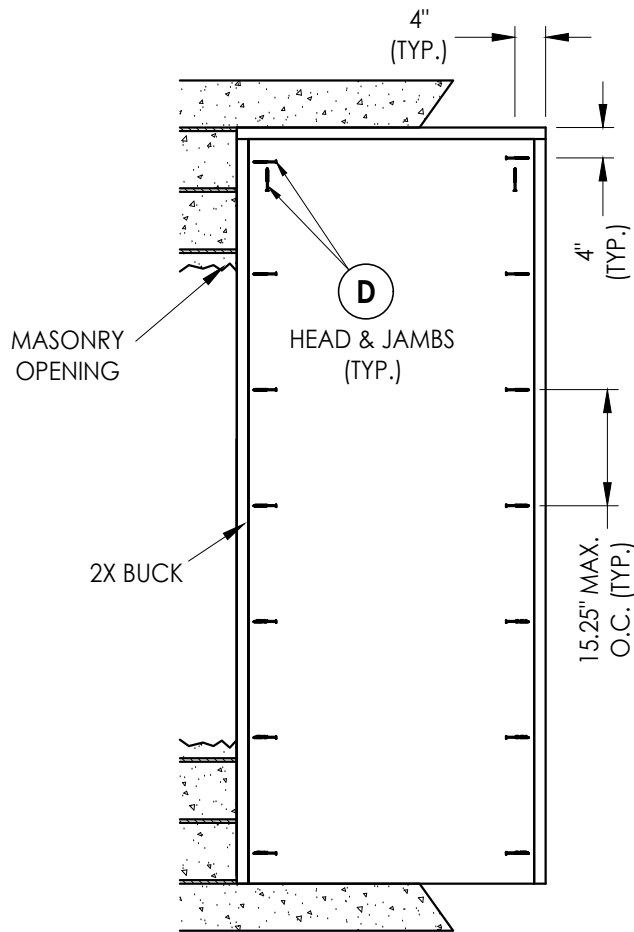
REVISIONS	
NO.	DATE
2	7/02/26
1	8/17/23

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)

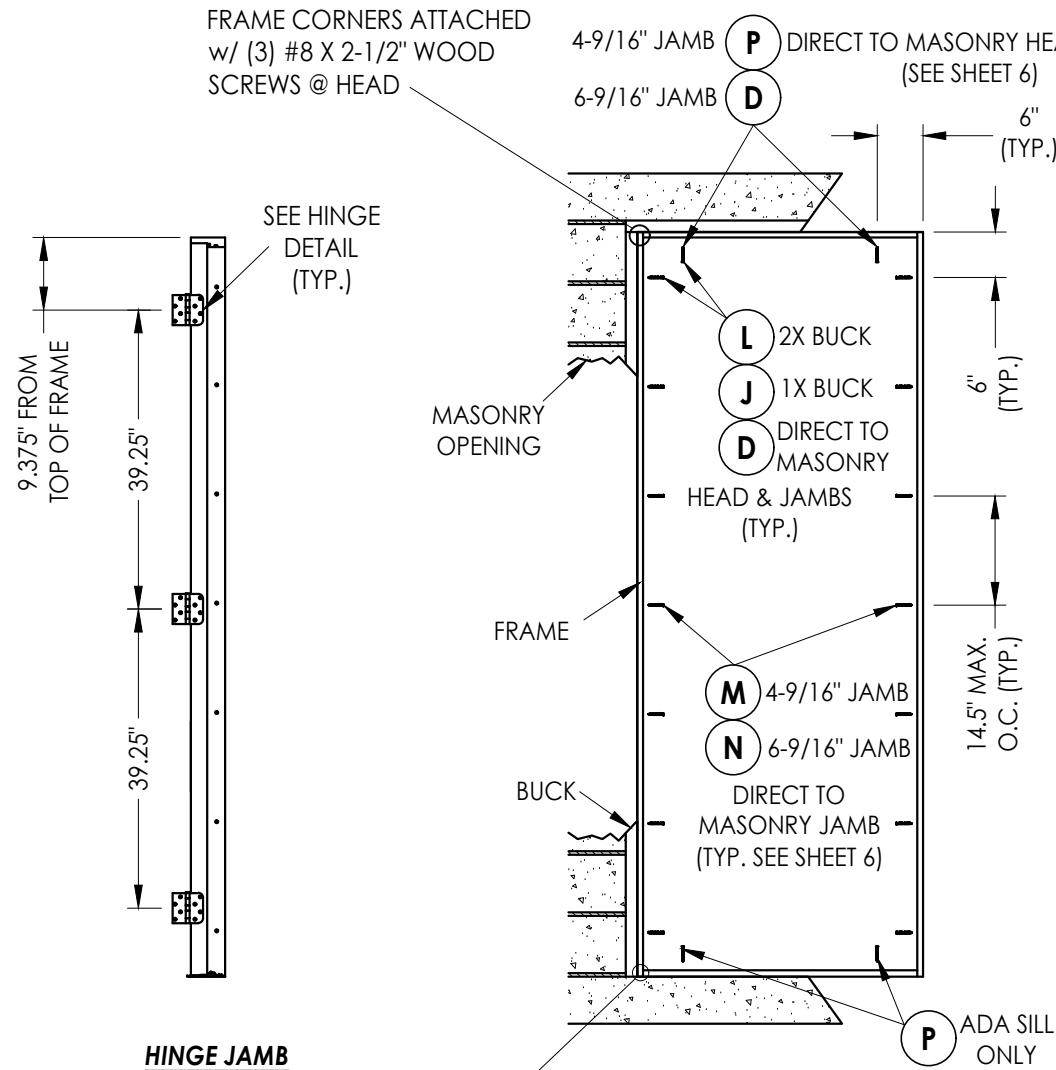
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BUCK ANCHORING

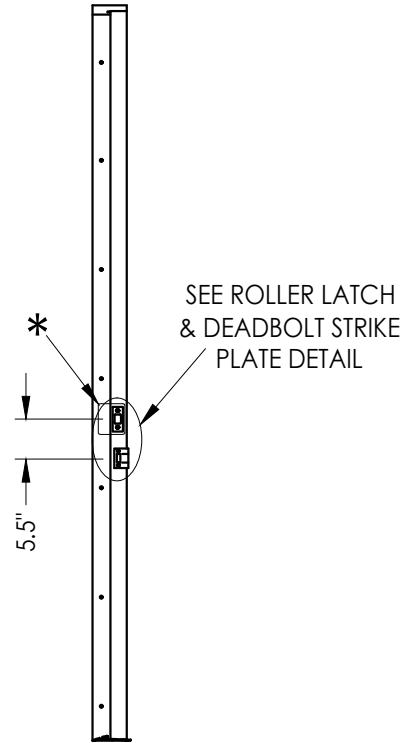


HINGE JAMB

FRAME ANCHORING

Masonry construction

* 3.5" X 4" 20 GA. STEEL PLATE ATTACHED TO BACK OF LOCK JAMB (@ DEADBOLT) w/ (4) 1" CROWN X 5/8" LONG 16 GA. STAPLES



STRIKE JAMB

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.

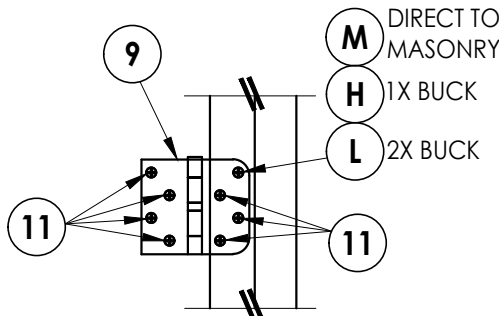
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- Concrete anchor table:

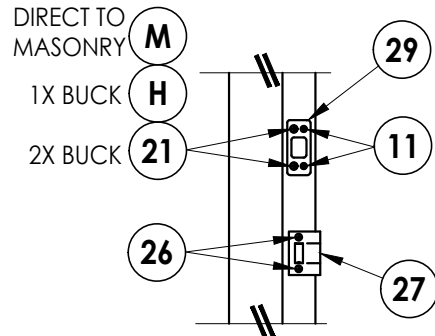
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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



ROLLER CATCH & DEADBOLT STRIKE PLATE DETAIL

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P.E. No. 43409

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P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC
1	8/17/23	UPDATE TO 8TH ED. (2023) FBC
NO.	DATE	BY

DATE: 6/09/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

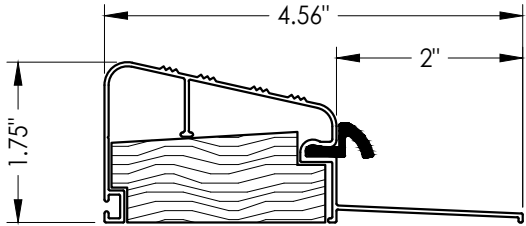
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FL-15210.16

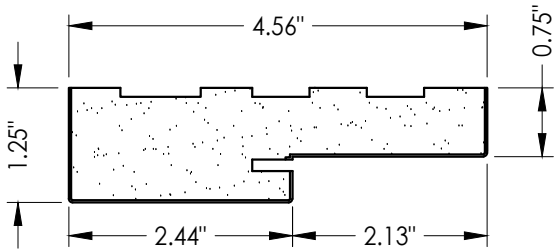
SHEET 8 OF 9

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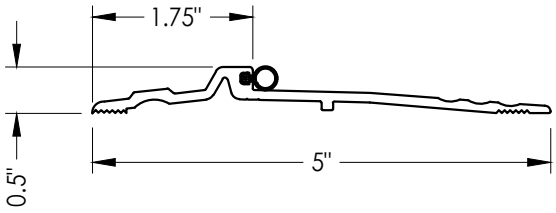
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.55)	WOOD
B	2X BUCK (G >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	POLY FIBER
7	WEATHERSTRIP	FOAM
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
21	#12 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 3/4" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
29	DEADBOLT STRIKE PLATE	STEEL
30	OUTSWING THRESHOLD	ALUM/WOOD
31	ADA THRESHOLD	ALUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-



30 **OUTSWING THRESHOLD**
DLP (QOSR)



1 **POLY FIBER JAMB**
Plastpro



31 **ADA THRESHOLD**
NGP 896V

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: BILL OF MATERIALS & COMPONENTS		REVISIONS			
				2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC LFS
				1	8/17/23	UPDATE TO 8TH ED. (2023)	FBC LFS
				NO.	DATE		BY
DATE: 6/09/22							
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DRAWING NO.: FL-15210.16							
SHEET 9 OF 9							