



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

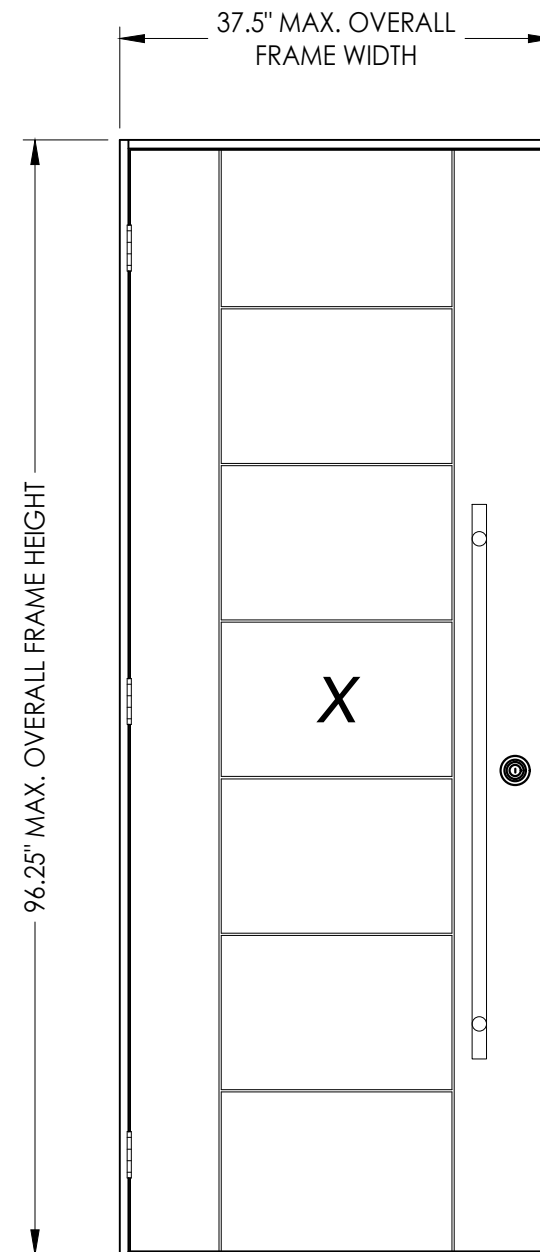
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
OUTSWING
"IMPACT"

GENERAL NOTES

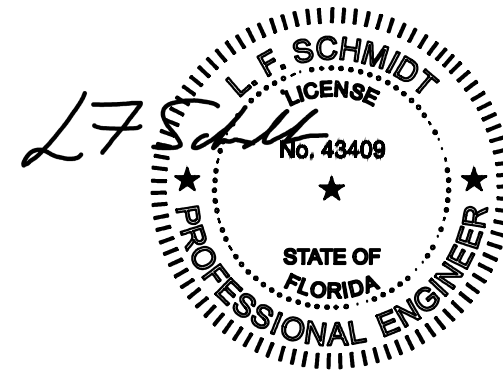
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 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 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.

TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Horizontal & Vertical Cross Sections (2X Buck)
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: 2023.08.22 08:17:18 -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

NO.	DATE	REVISIONS	
		BY	LFS
1	8/17/23	UPDATE TO 8TH ED. (2023)	FBC

DATE: 6/09/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-15210.16
SHEET 1 OF 9

35.75" MAX.
DOOR
PANEL WIDTH

95.25" MAX. DOOR PANEL HEIGHT

54.5"

5.5"

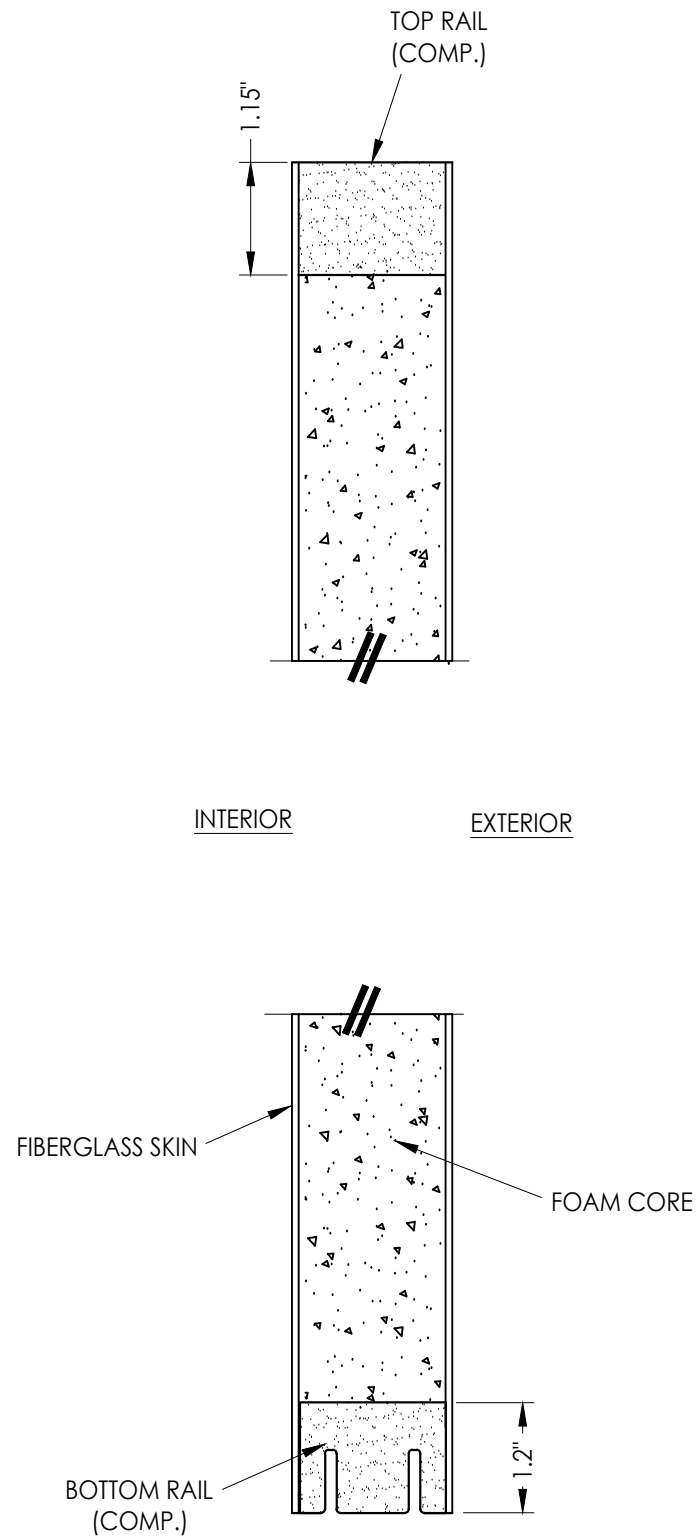
DEADBOLT (KWIKSET SIGNATURE SERIES - 980)

ROLLER CATCH w/ FULL LIP STRIKE
(PAMEX DOOR HARDWARE MODEL: DD05-51)

48" OR 60" LADDER PULL HANDLE (1-1/4" Ø)
(STRONGAR HARDWARE PRO-LINE SERIES)

40 DOOR PANEL

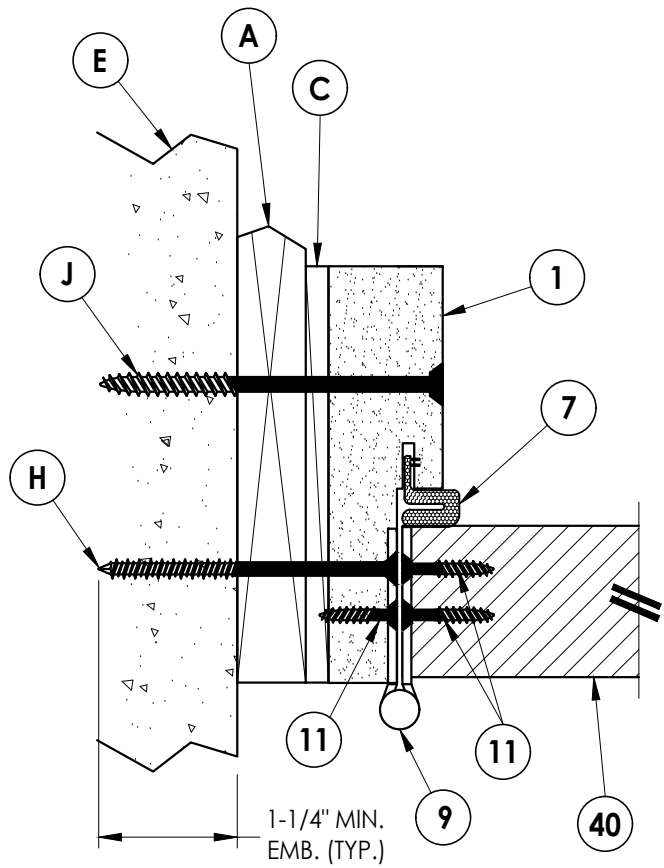
FIBERGLASS DOOR SKIN: MIN. 0.113" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)



2 VERTICAL CROSS SECTION

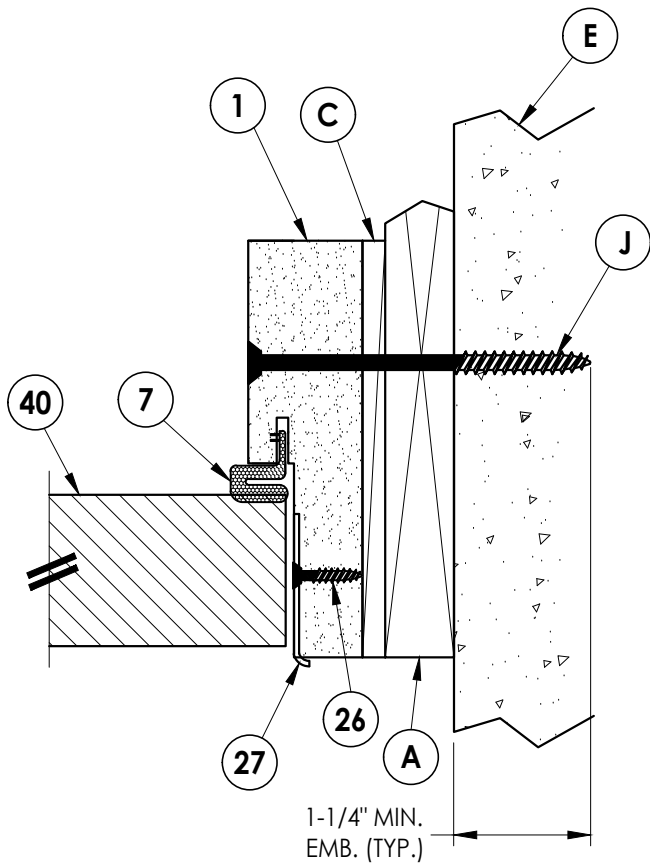
DATE: 6/09/22		SHEET 2 OF 9		DRAWING NO.: FL-15210.16		CHK. BY: RW		DWG. BY: LFS		SCALE: N.T.S.		1 8/17/23 UPDATE TO 8TH ED. (2023) FBC LFS		NO. DATE		REVISIONS		DOOR PANEL DETAILS PART OR ASSEMBLY:		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING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

Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.16.dwg

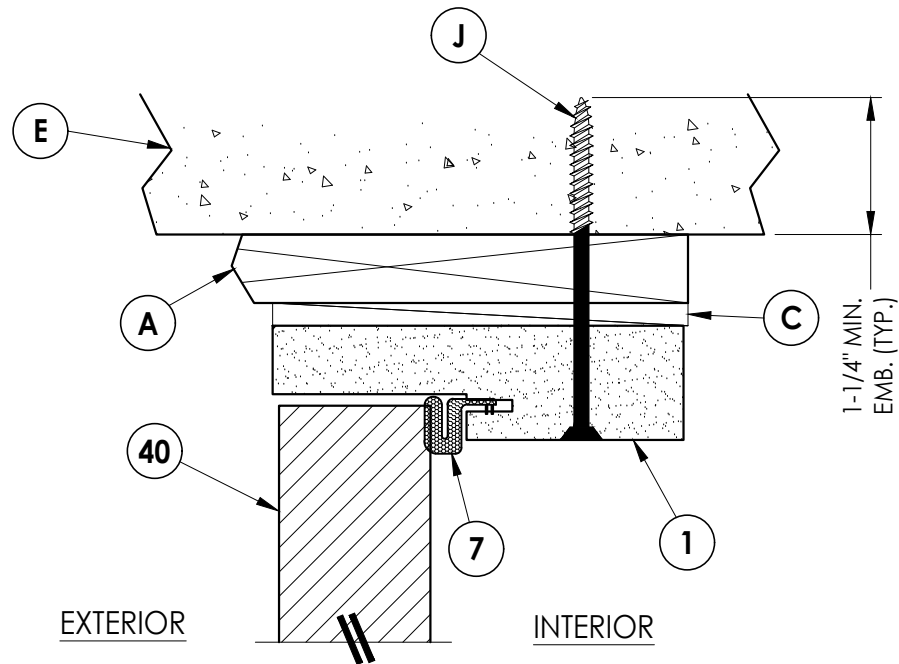


1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing

INTERIOR
EXTERIOR



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



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

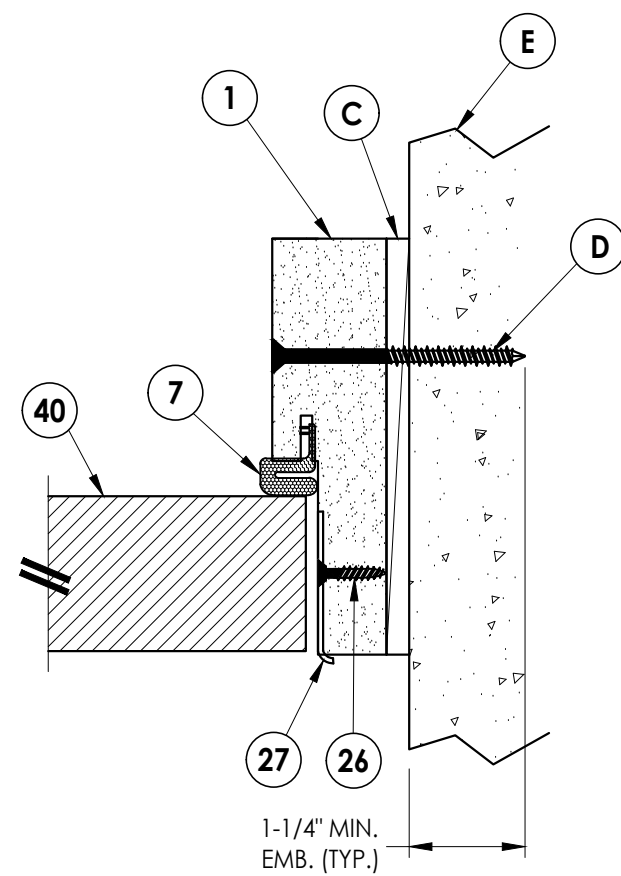
DATE: 6/09/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-15210.16
SHEET 4 OF 9

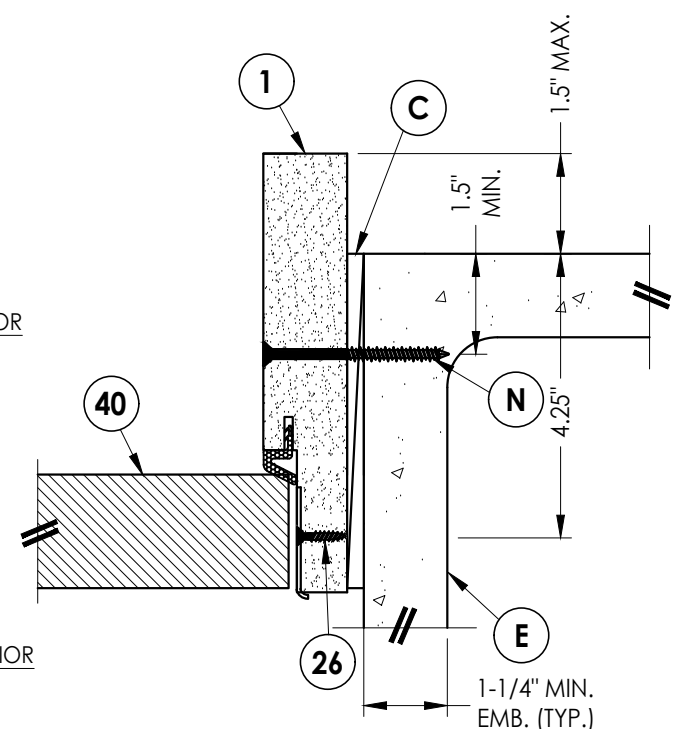
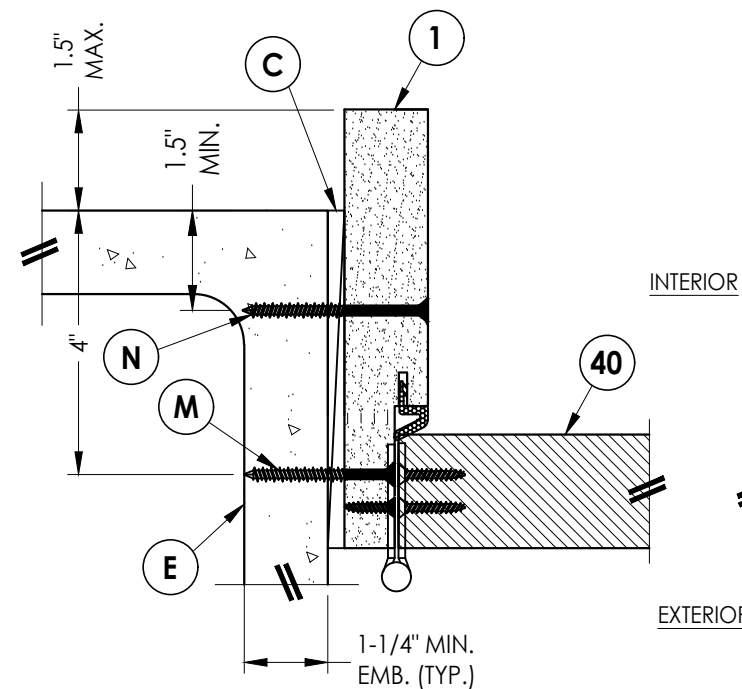
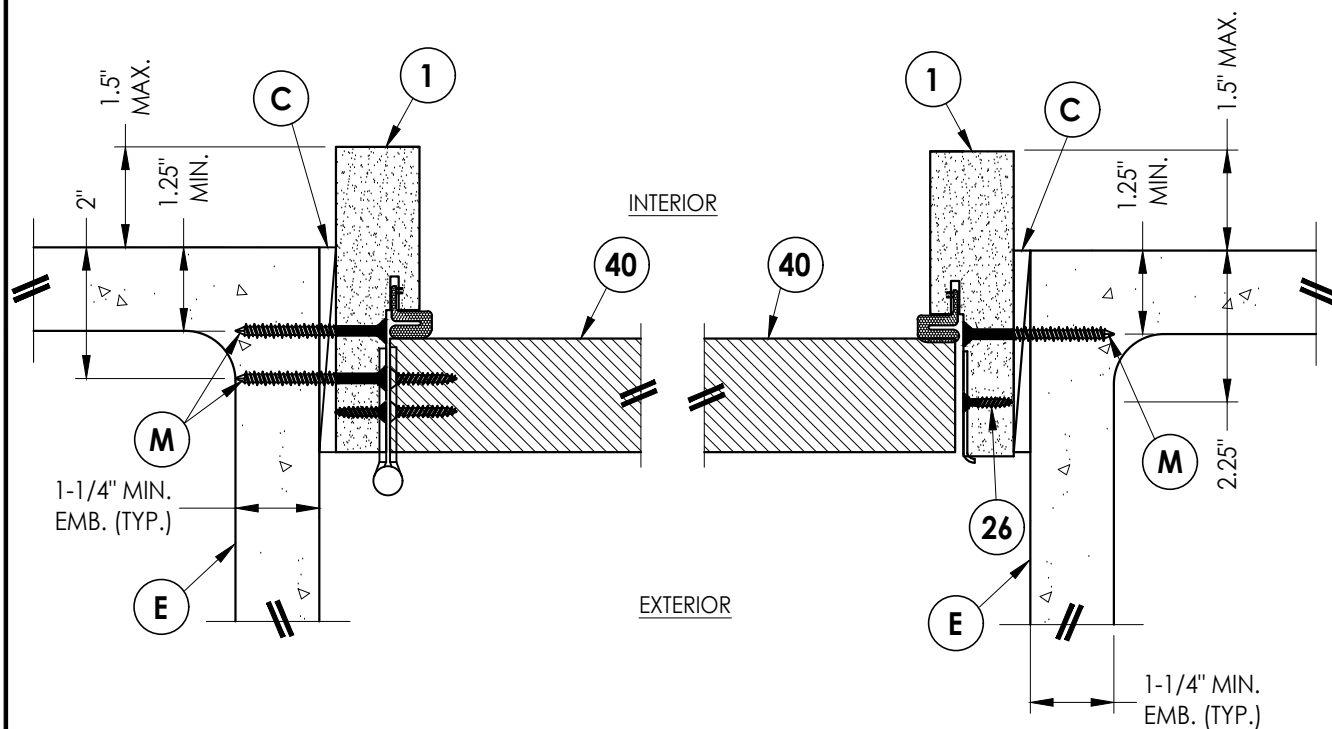
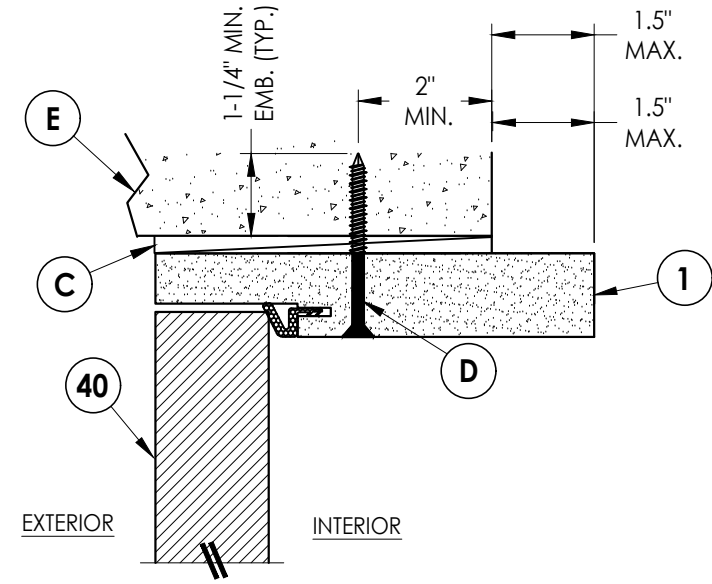
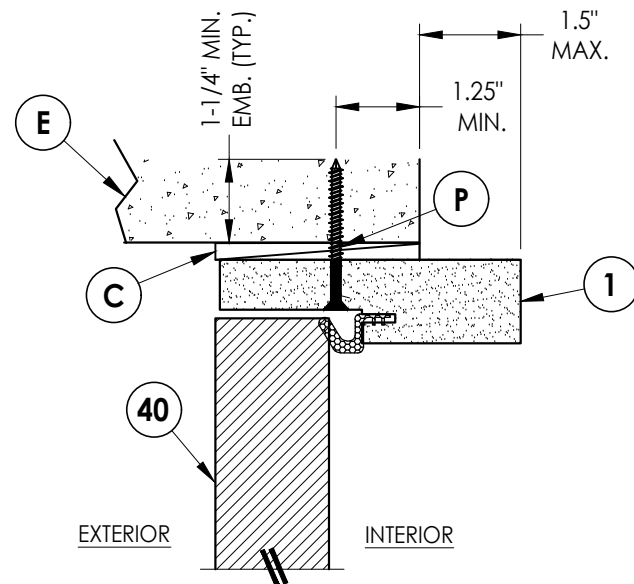
NO.	DATE	REVISIONS
1	8/17/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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

INTERIOR
EXTERIOR

[illegible]

[illegible]

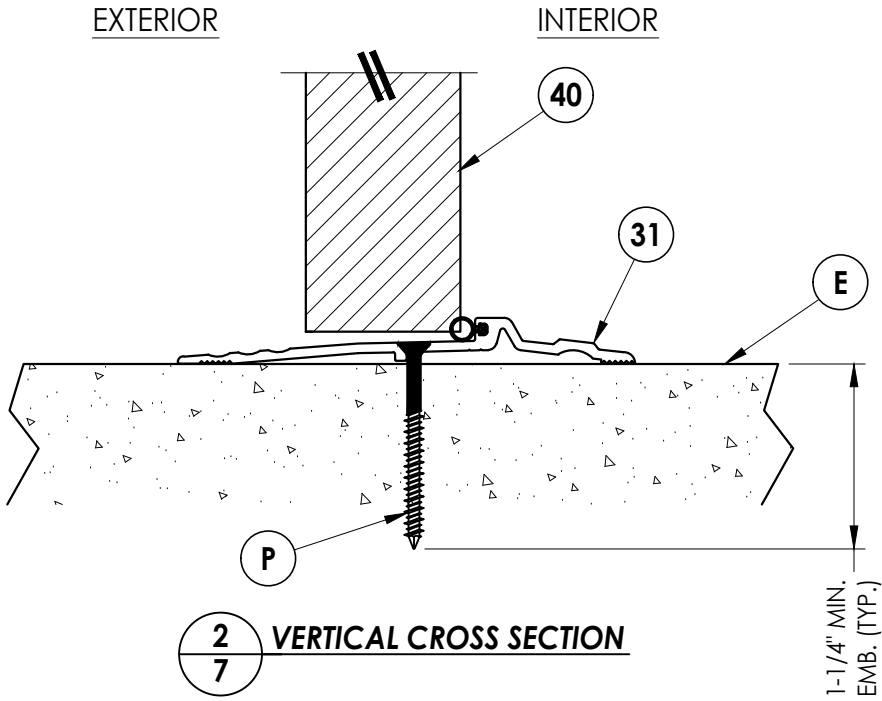
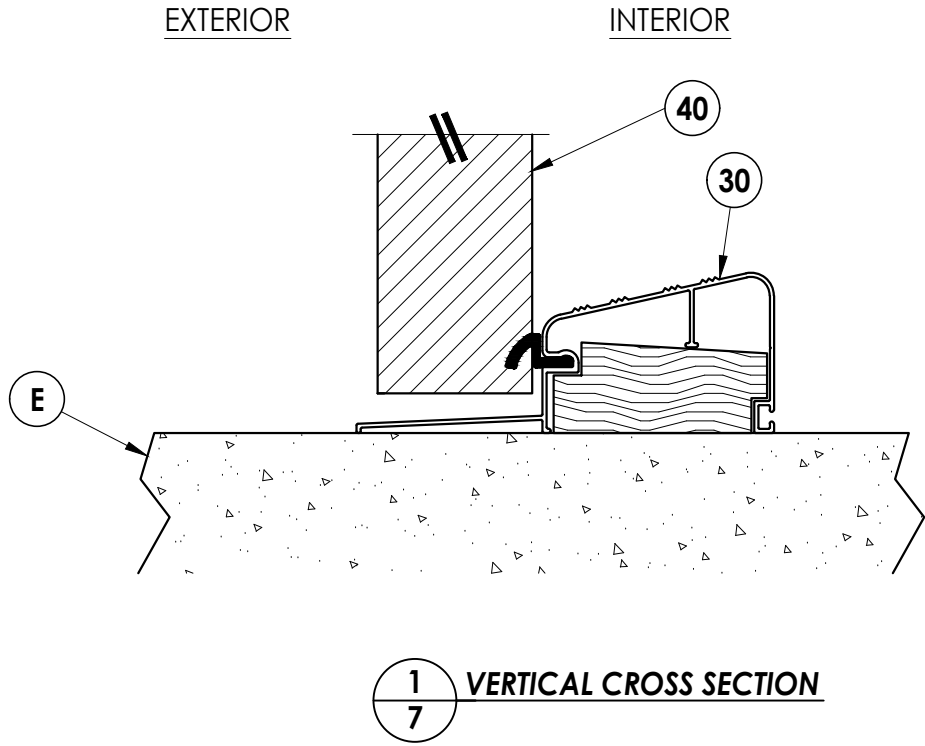
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RRW
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
SECTIONS (DIRECT TO MASONRY)**

Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.16.dwg



DATE: 6/09/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-15210.16
SHEET 7 OF 9

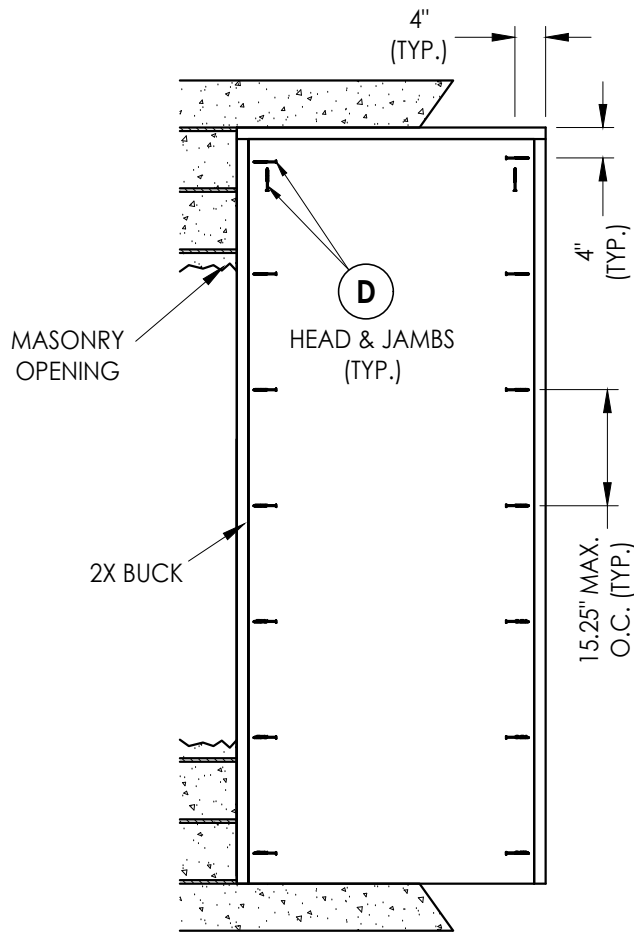
REVISIONS	
NO.	DATE
1	8/17/23
	UPDATE TO 8TH ED. (2023)
LFS	FBC
BY	

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

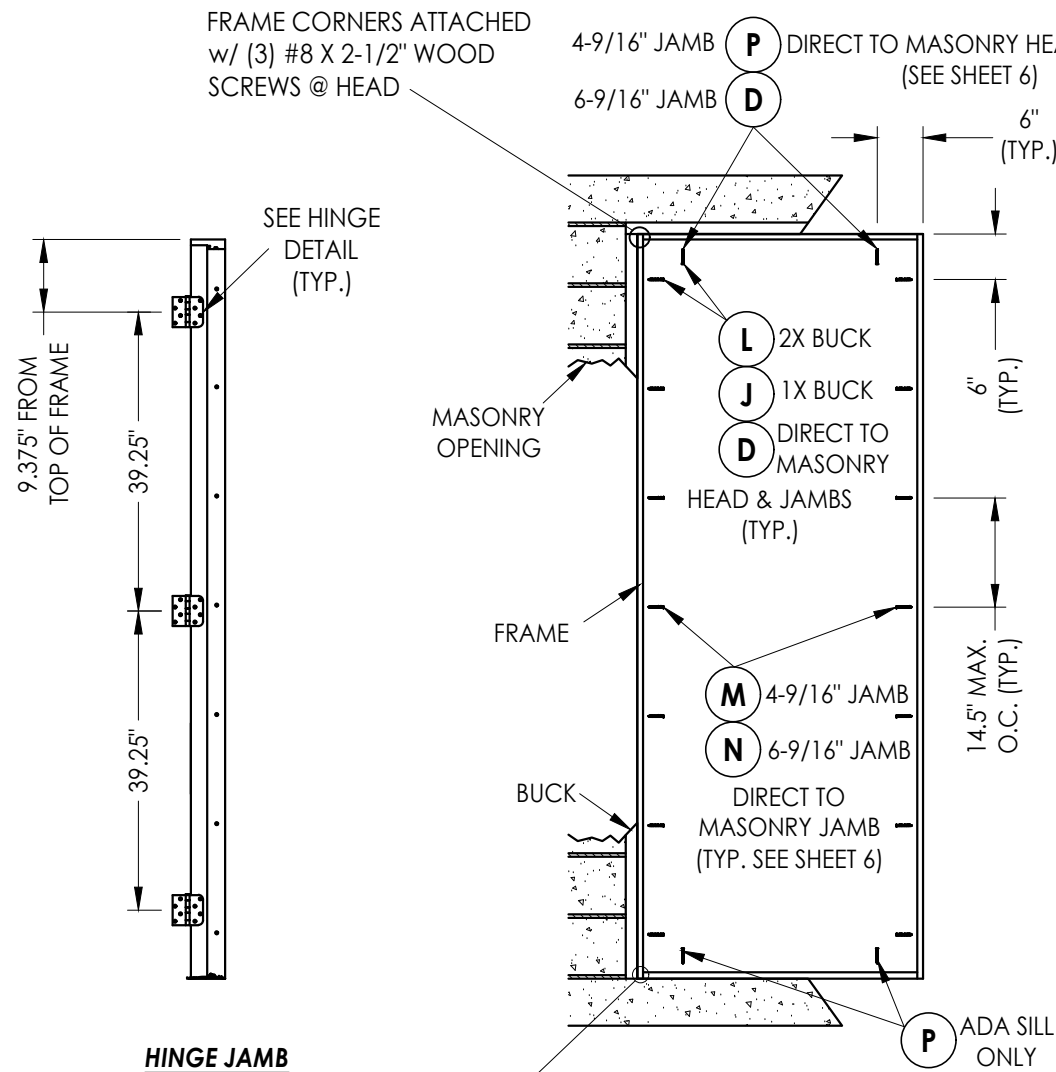
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.16.dwg



BUCK ANCHORING

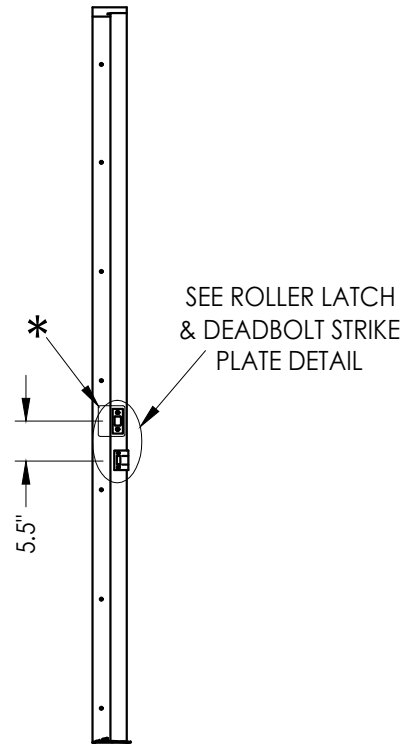


HINGE JAMB

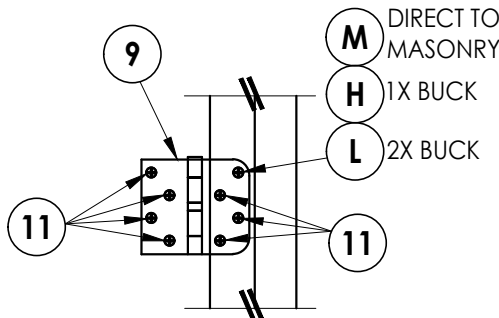
FRAME ANCHORING
Masonry construction

FRAME CORNERS ATTACHED
w/ (3) #8 X 2-1/2" WOOD
SCREWS @ SILL (HIGH DAM)

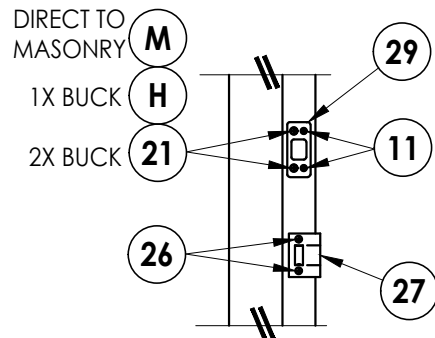
* 3.5" X 4" 20 GA. STEEL PLATE ATTACHED
TO BACK OF LOCK JAMB (@ DEADBOLT)
w/ (4) 1" CROWN X 5/8" LONG 16 GA.
STAPLES



STRIKE JAMB



HINGE DETAIL



ROLLER CATCH & DEADBOLT STRIKE PLATE DETAIL

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.

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

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:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
1	8/17/23	UPDATE TO 8TH ED. (2023) FBC

DATE: 6/09/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-15210.16

SHEET 8 OF 9

