

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
INSWING / OUTSWING
"NON-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 is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4.

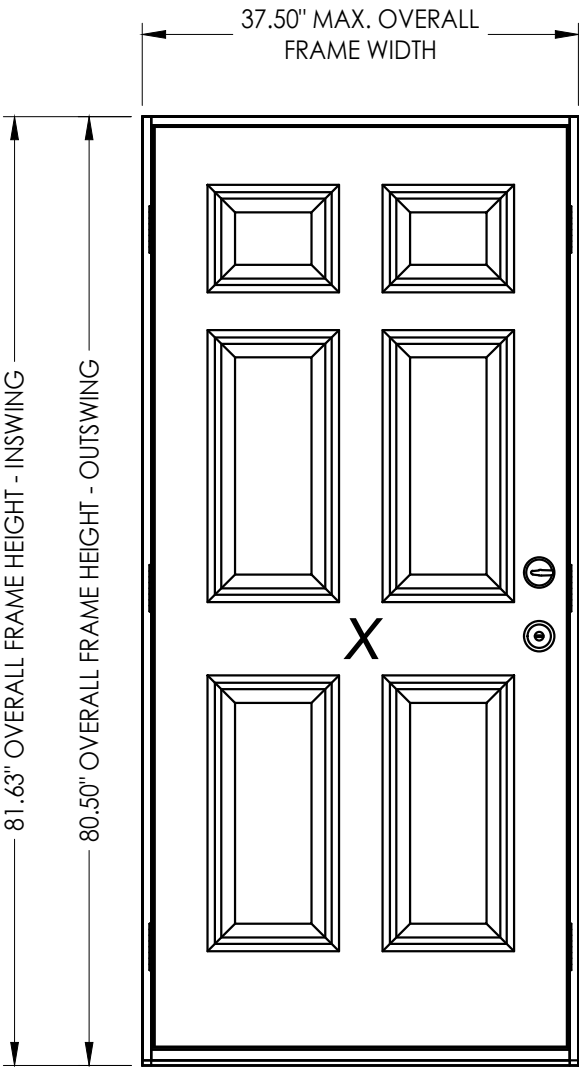
When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
5.

For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6.

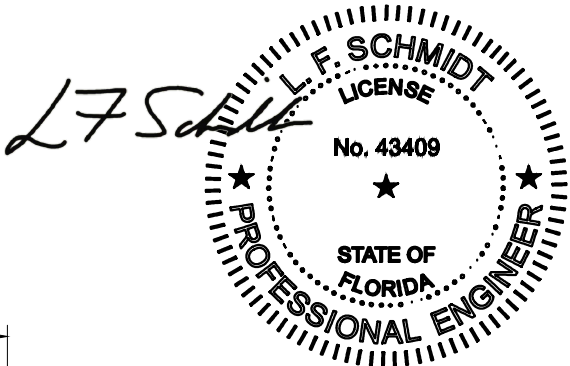
Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7.

Outswing configurations (using sill Items #30 & 34) 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	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	Vertical Cross Sections (Thresholds)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Buck and frame anchoring
9	Bill of materials & components



SWING	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
INSWING	37.50" x 81.63"	+50.0	-50.0
OUTSWING	37.50" x 80.50"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.03 08:20:49 -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

PLASTPRO INC.
FIBERGLASS DOOR

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

REVISIONS

DATE: 02/20/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

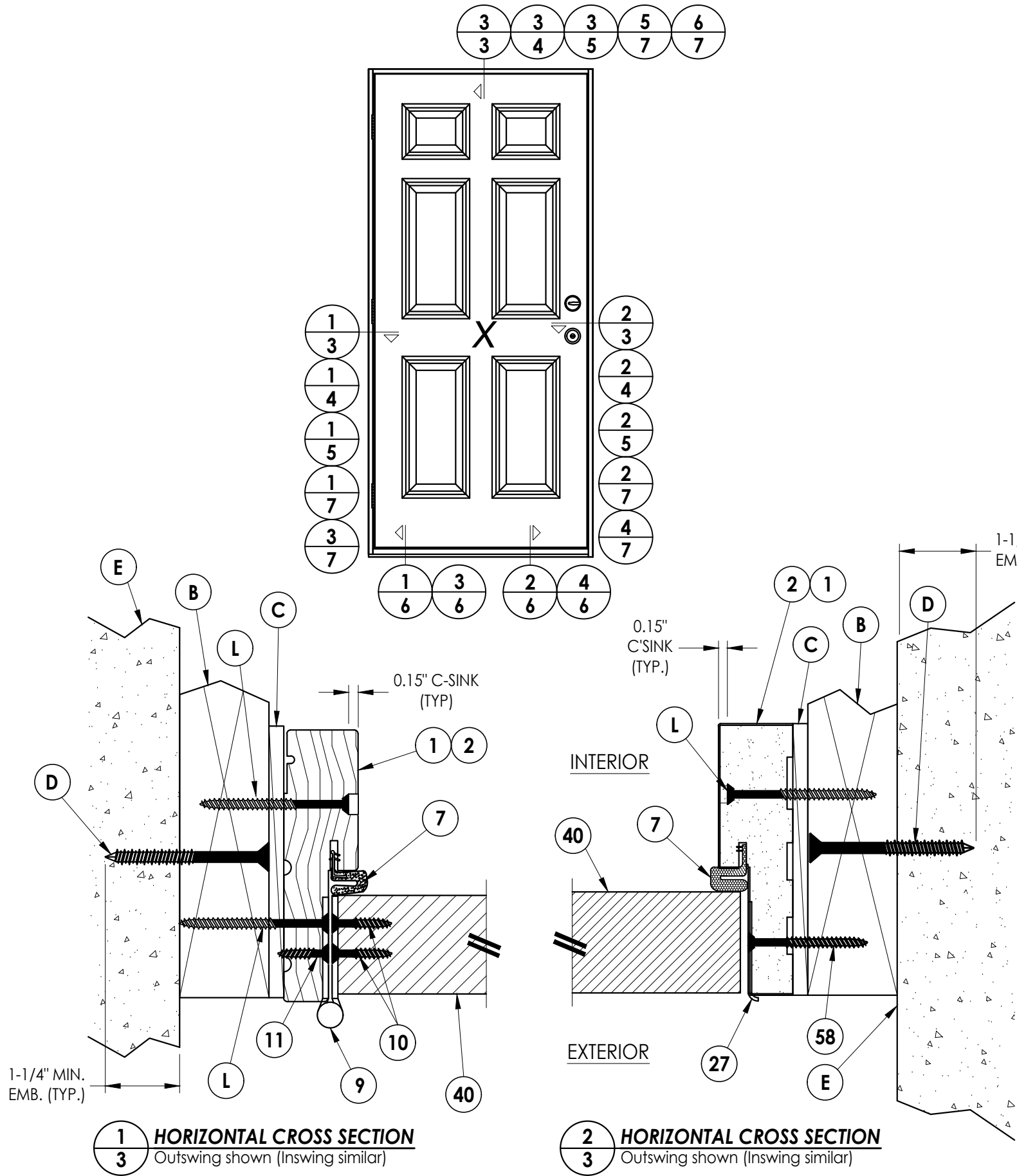
DRAWING NO.: FL-15220.6

SHEET 1 OF 9

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

© 2012 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\Plastpro\FL-15220 R6\FL-15220.6.dwg

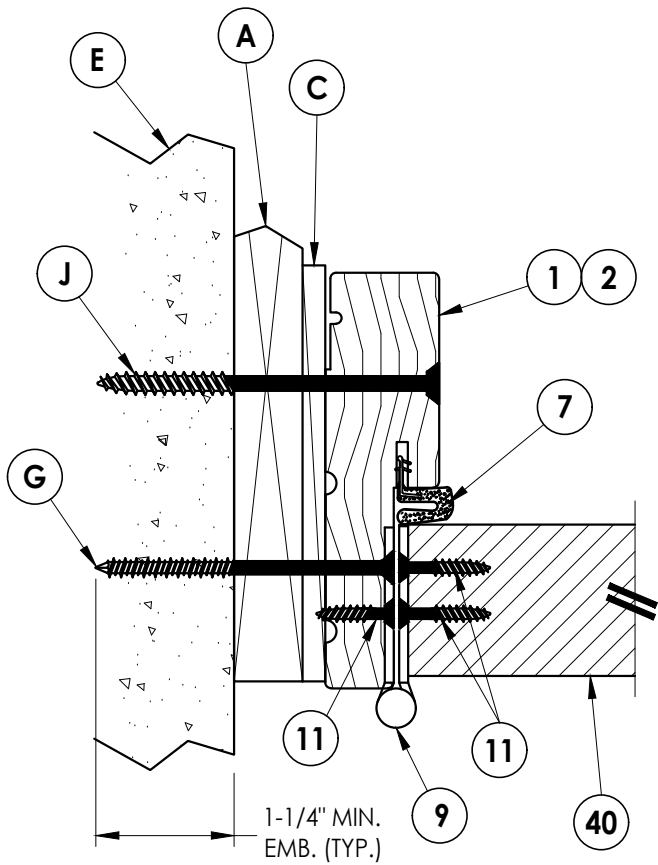


DATE: 02/20/16				SCALE: N.T.S.				DWG. BY: JK				CHK. BY: LFS				DRAWING NO.: FL-15220.6				SHEET 3 OF 9			
NO.				DATE				REVISIONS															
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS																			
5	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS																			
4	6/28/22	ADD ADA THRESHOLDS		LFS																			

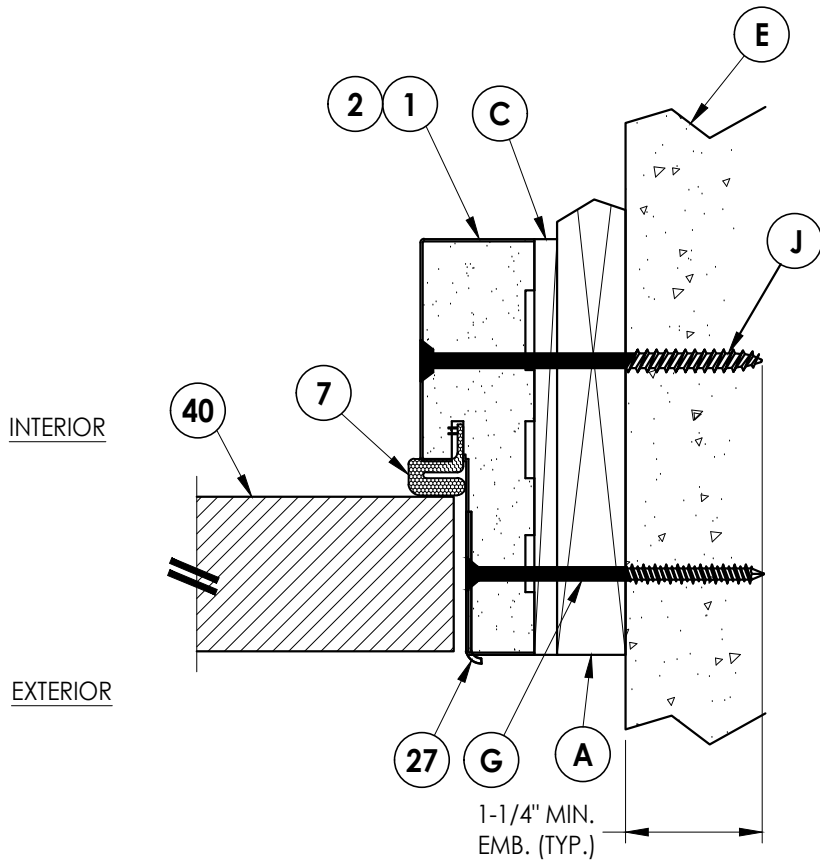
PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC. FIBERGLASS DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	

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	
---	--	--	--

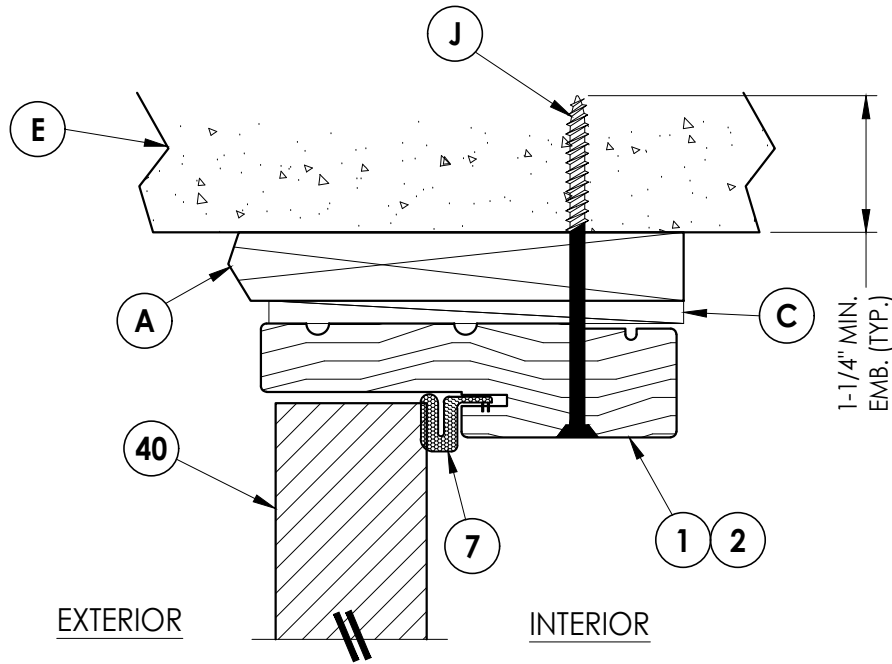
Z:\2023 FBC Drawings\Plastpro\FL-15220 R6\FL-15220.6.dwg



1 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



2 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3 **VERTICAL CROSS SECTION**
4 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
5	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	6/28/22	ADD ADA THRESHOLDS		LFS	
	NO.	DATE			

DATE: 02/20/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15220.6

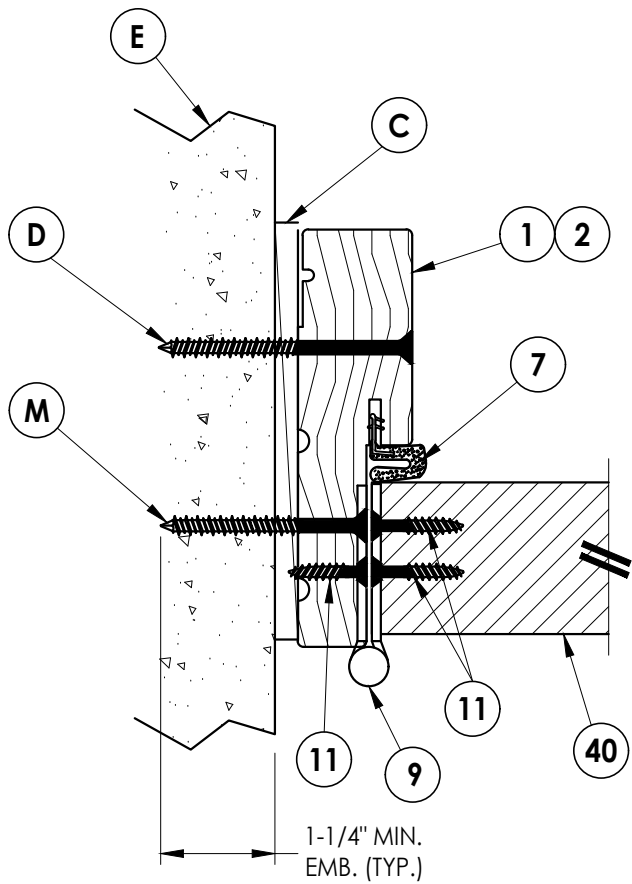
SHEET 4 OF 9

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

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

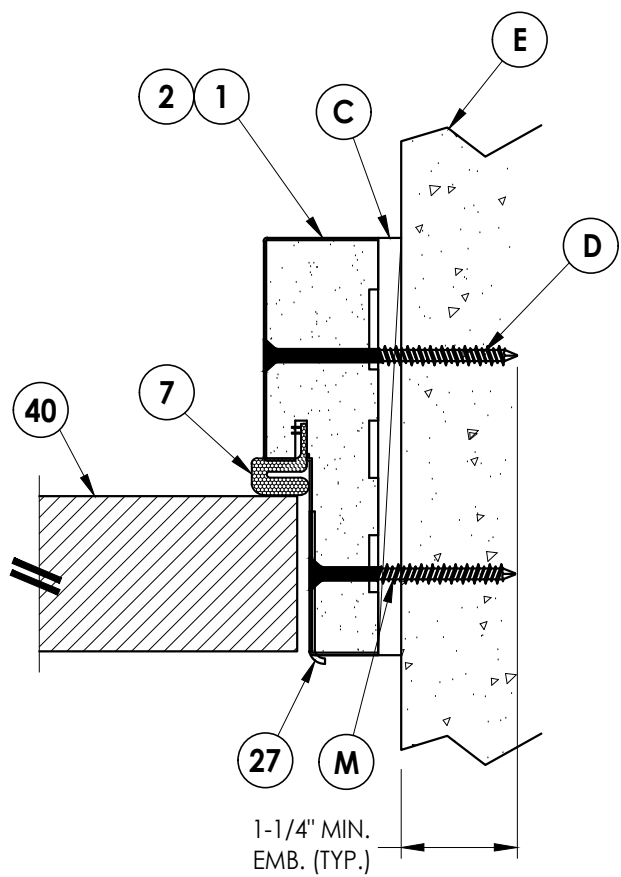
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Plastpro\FL-15220 R6\FL-15220.6.dwg

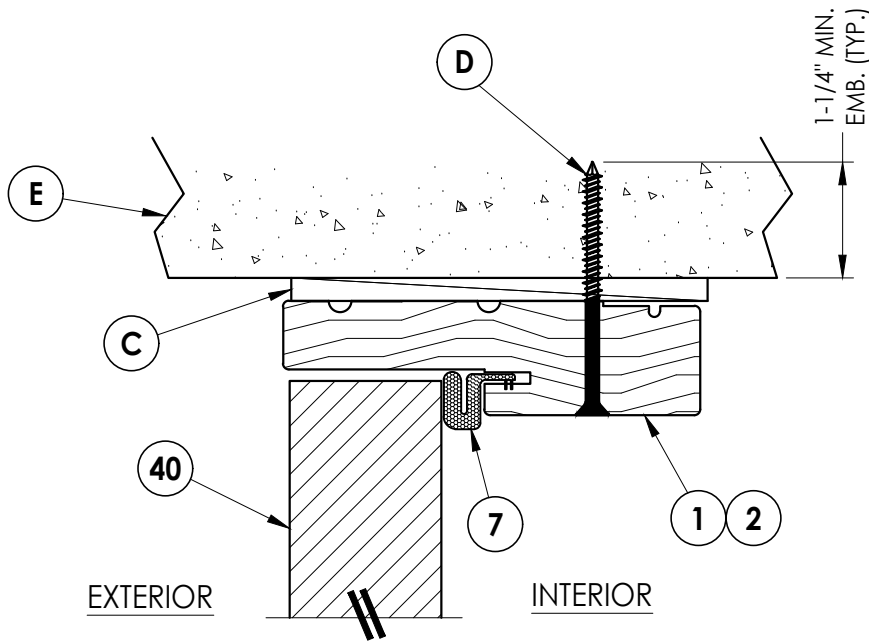


1
5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

INTERIOR
EXTERIOR



2
5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



3
5 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

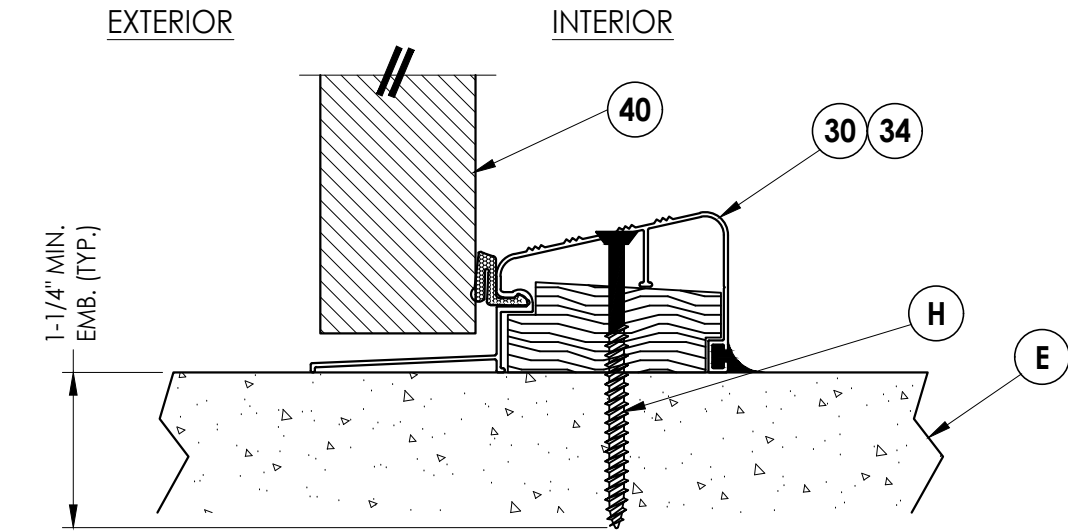
DATE: 02/20/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15220.6
SHEET 5 OF 9

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

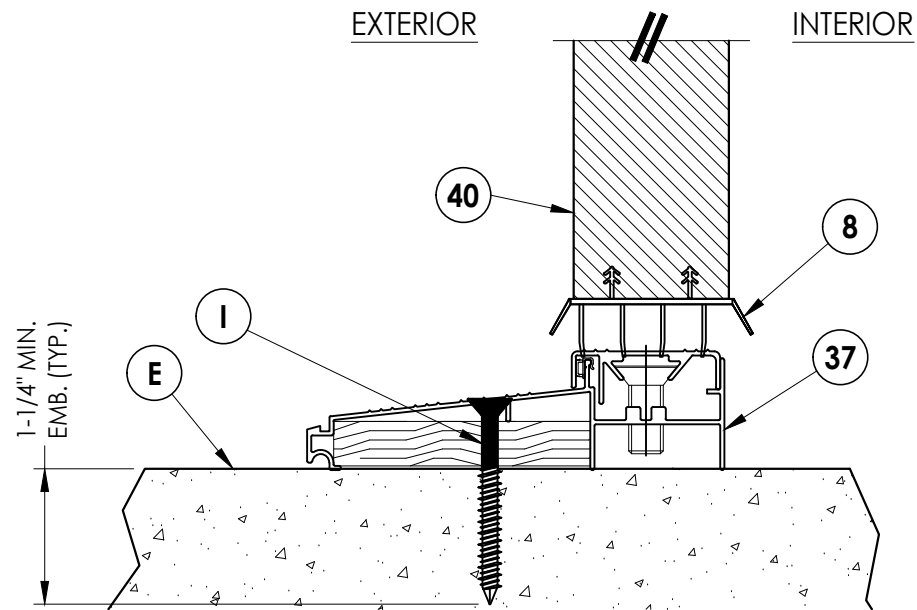
NO.	DATE	BY	REVISIONS
6	7/02/26	LFS	UPDATE TO 9TH ED. (2026) FBC
5	8/14/23	LFS	UPDATE TO 8TH ED. (2023) FBC
4	6/28/22	LFS	ADD ADA THRESHOLDS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

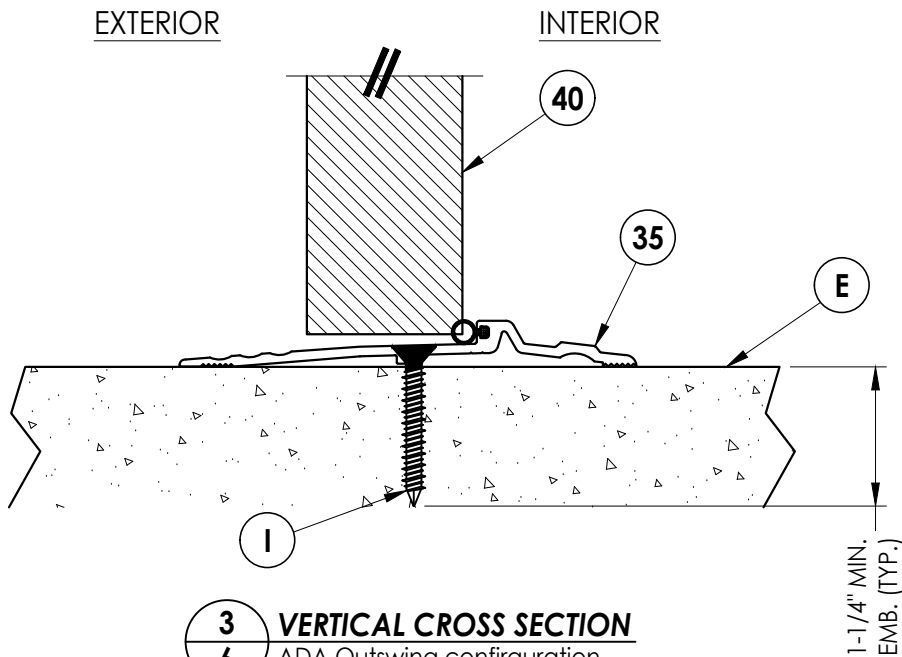
Z:\2023 FBC Drawings\Plastpro\FL-15220 R6\FL-15220.6.dwg



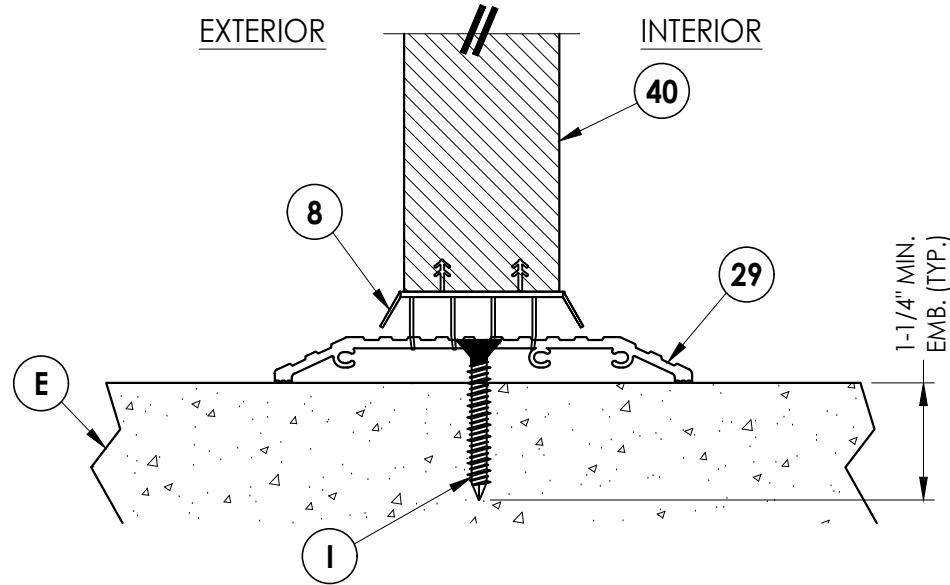
1
6 **VERTICAL CROSS SECTION**
Outswing configuration



2
6 **VERTICAL CROSS SECTION**
Inswing configuration



3
6 **VERTICAL CROSS SECTION**
ADA Outswing configuration



4
6 **VERTICAL CROSS SECTION**
ADA Inswing configuration

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

RW 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:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC
4	6/28/22	ADD ADA THRESHOLDS

DATE: 02/20/16

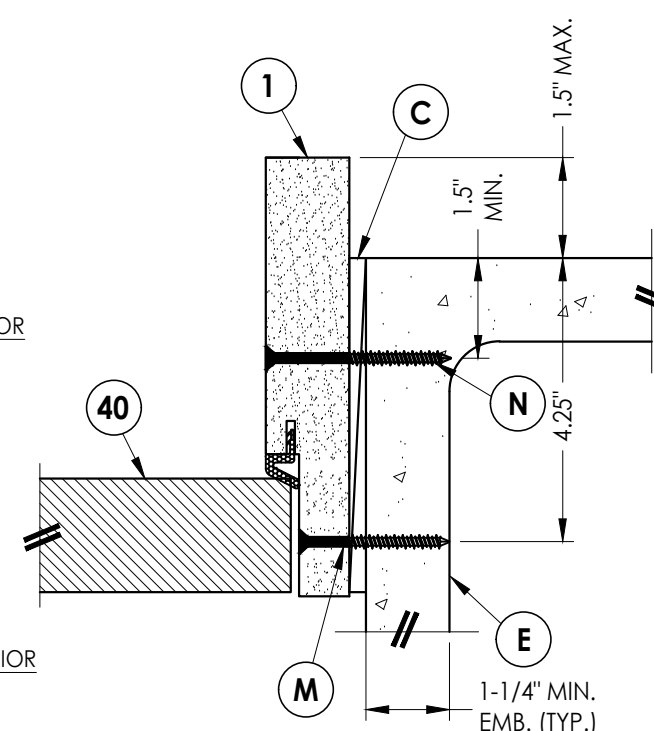
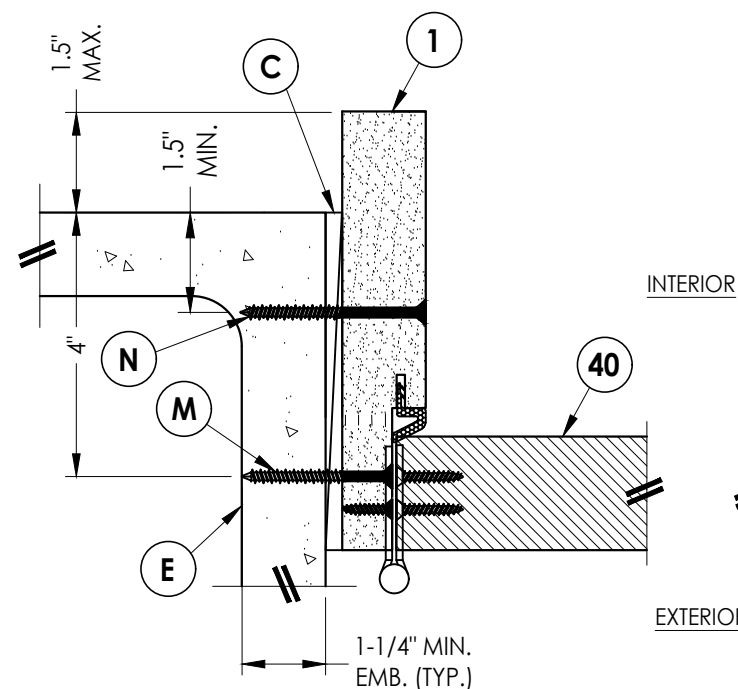
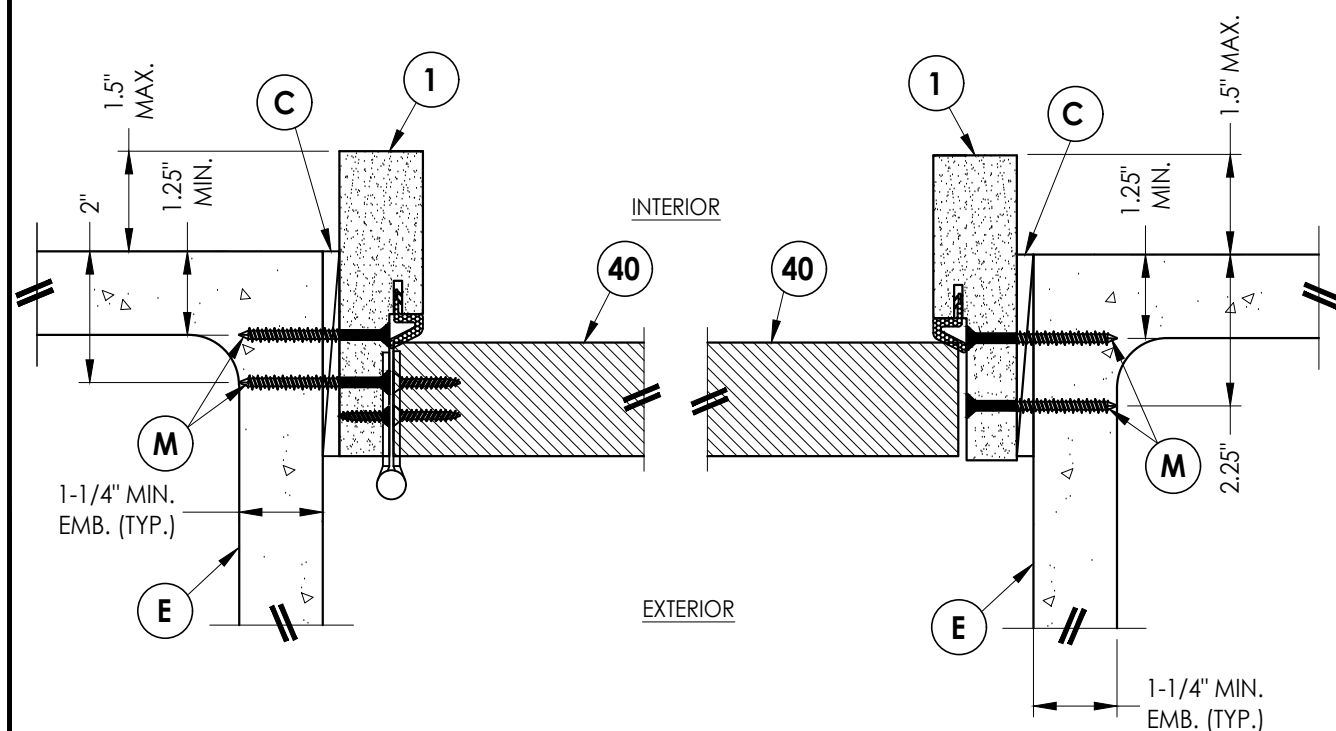
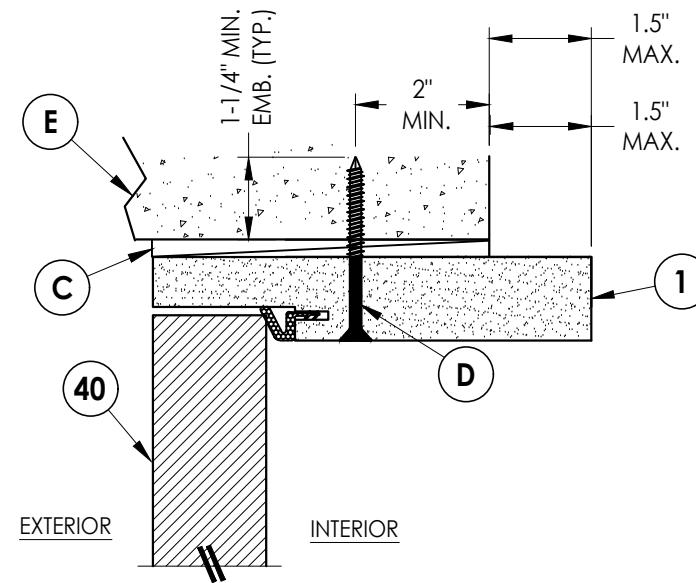
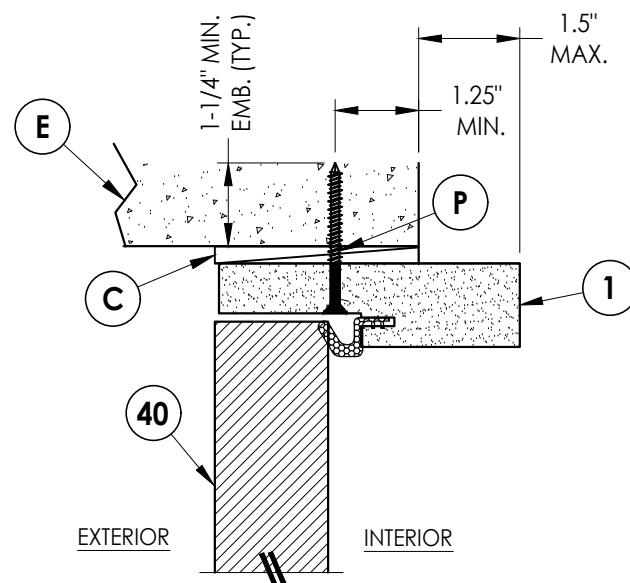
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15220.6

SHEET 6 OF 9



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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PAR BUILDING CONSULTANTS, INC.

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

HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

SECTIONS (DIRECT TO MASONRY)

REVISIONS

DATE: 02/20/16

SCALE: *N.T.S.*

DWG. BY: JK

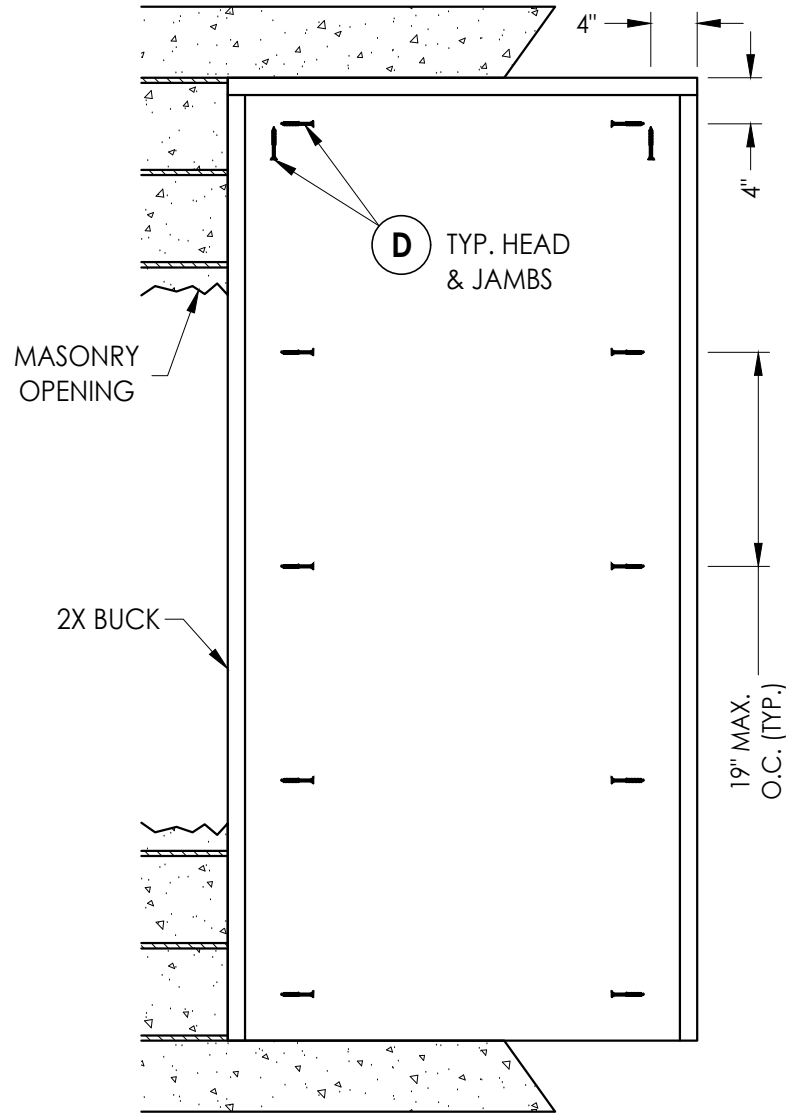
CHK. BY: LFS

DRAWING NO.:

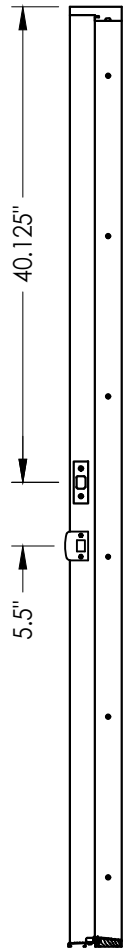
FL-15220.6

© 2012 R.W. BUILDING CONSULTANTS INC.

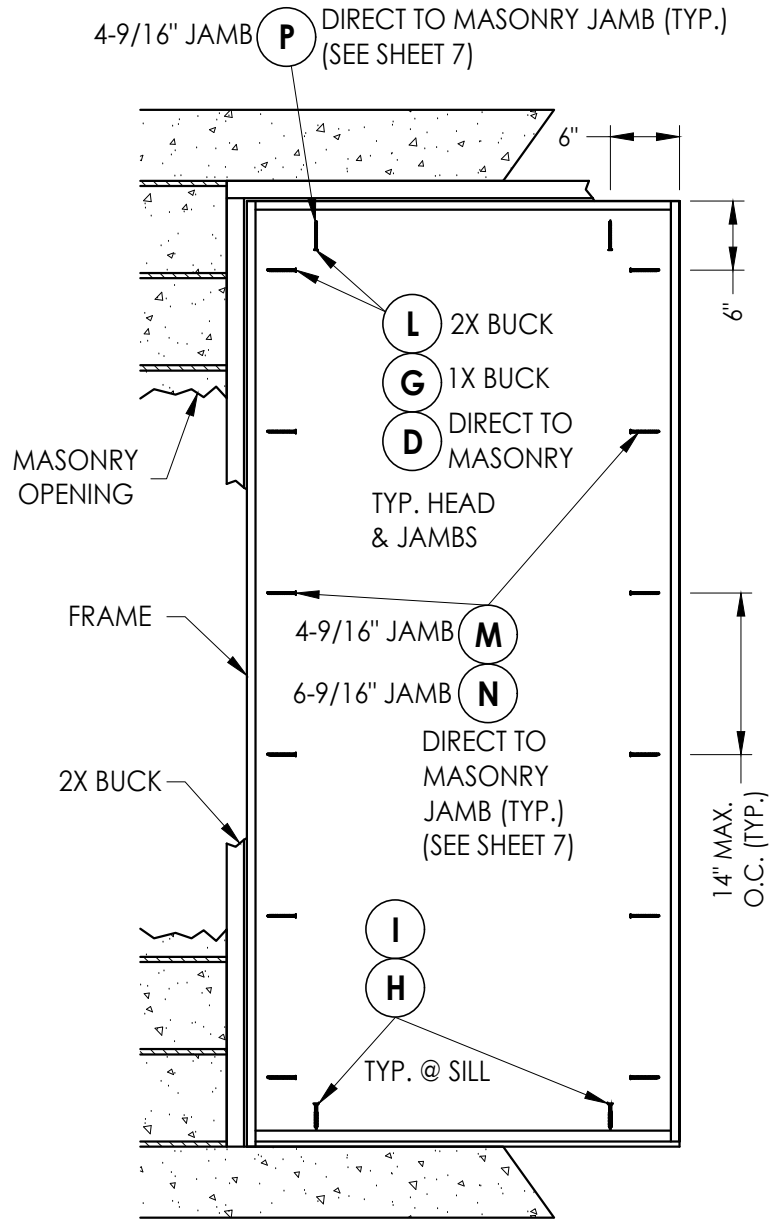
Z:\2023 FBC Drawings\Plastpro\FL-15220 R6\FL-15220.6.dwg



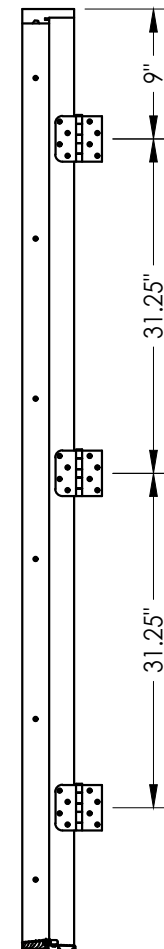
BUCK ANCHORING



STRIKE JAMB



FRAME ANCHORING
Masonry 2X buck construction



HINGE JAMB

CONCRETE ANCHOR NOTES:

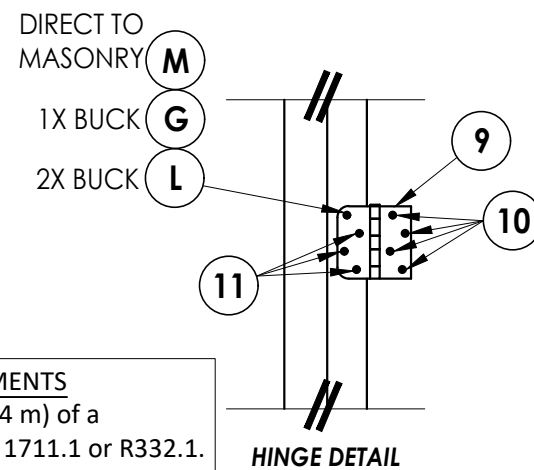
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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 ULTRA-CON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

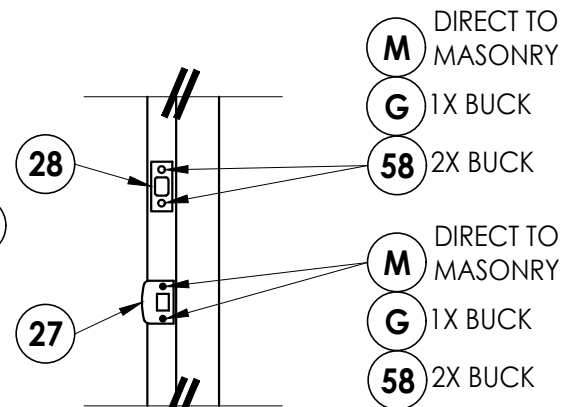
WOOD SCREW INSTALLATION NOTES:

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

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



HINGE DETAIL



LATCH & DEADBOLT DETAIL

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	6/28/22	ADD ADA THRESHOLDS LFS

DATE: 02/20/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15220.6

SHEET 8 OF 9

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

