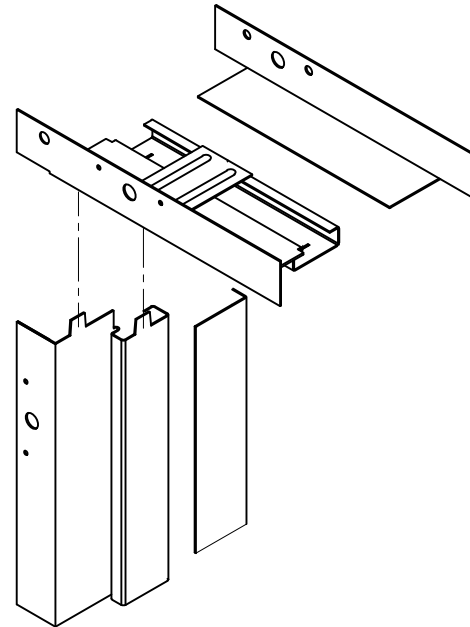
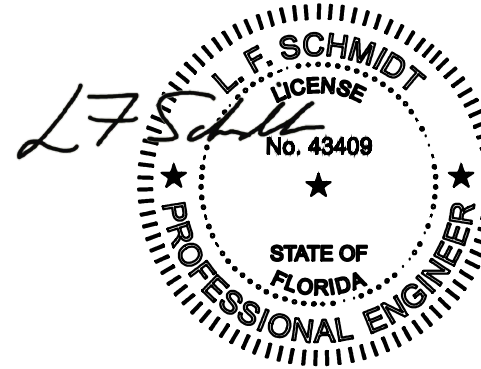


**5017 N. Coolidge
Tampa, FL 33614**



ADJUSTABLE STEEL DOOR FRAME

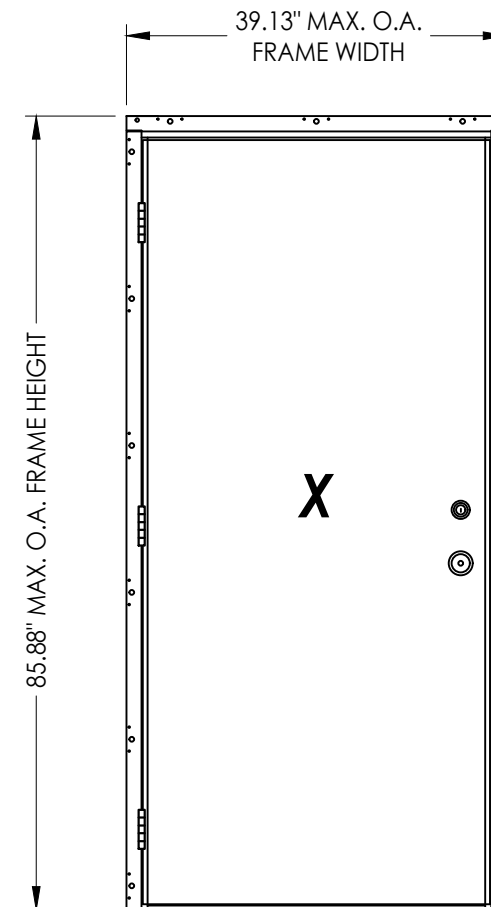


Digitally signed by Lyndon F Schmidt
Date: 2026.07.23 11:00:30 -04'00'

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



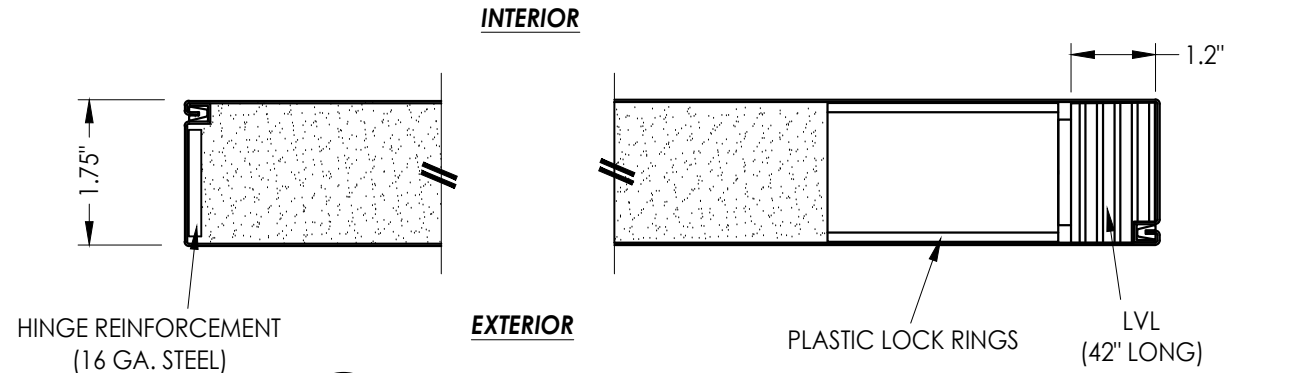
- ### GENERAL NOTES
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base 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 includes Wind Zone 4 as defined in ASTM E 1996.
 4. This product has been tested with the door panels as specified in this approval. Substitution of a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the steel door used must possess a comparable current Florida Statewide product approval. The door panel size and design pressure (DP) rating shall not exceed the sizes and DP ratings shown in this approval or the steel side hinged swing door approval being used.
 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 elevations, design pressures & general notes
2	Door panel details
3	Elevation & Corner detail
4	Horizontal cross sections
5	Vertical cross sections
6	Buck & frame anchoring
7	Bill of materials & components

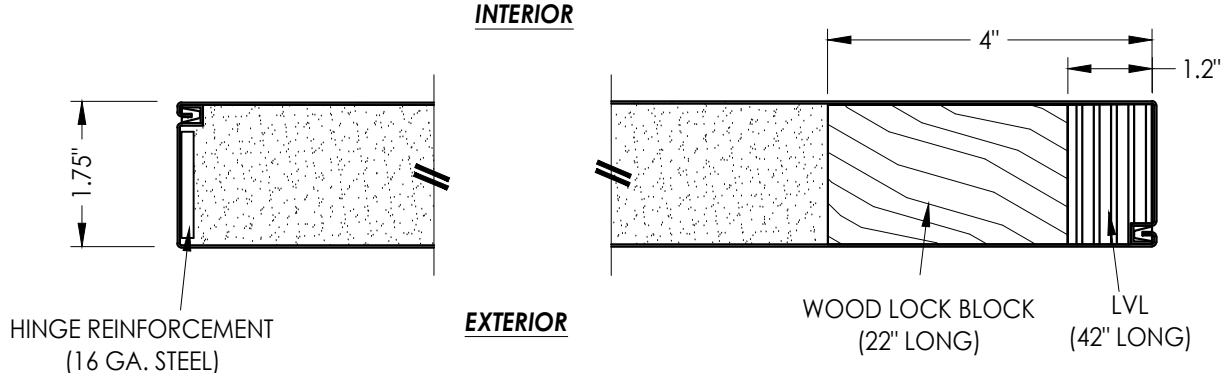
DOOR PANEL	MAX. OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
MASONITE	39.13" X 85.88"	+ 65.0	- 65.0

[illegible]

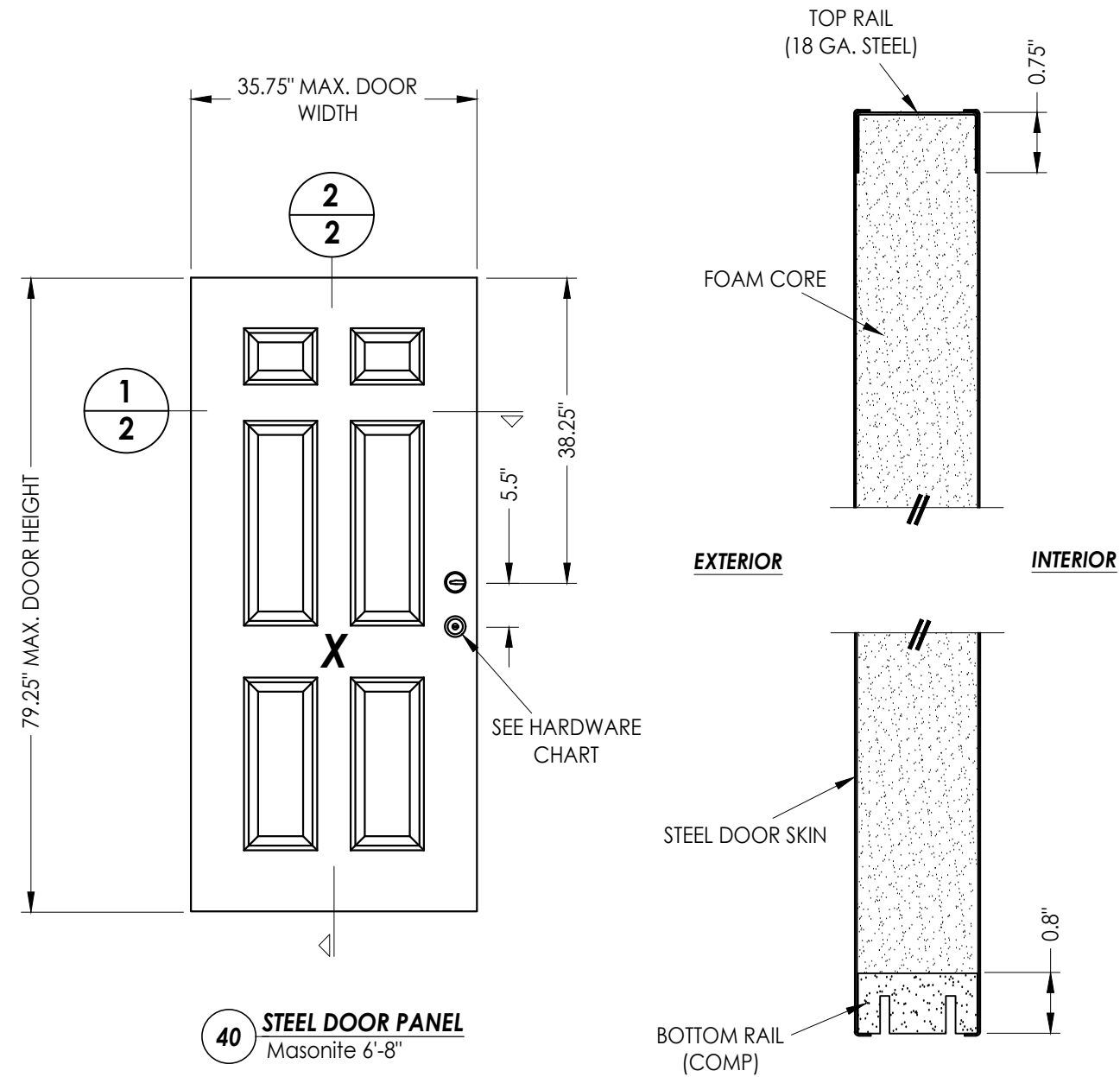
Z:\2023 FBC Drawings\Worldwide Door Components\FL-14969 R14\FL-14969.7.dwg



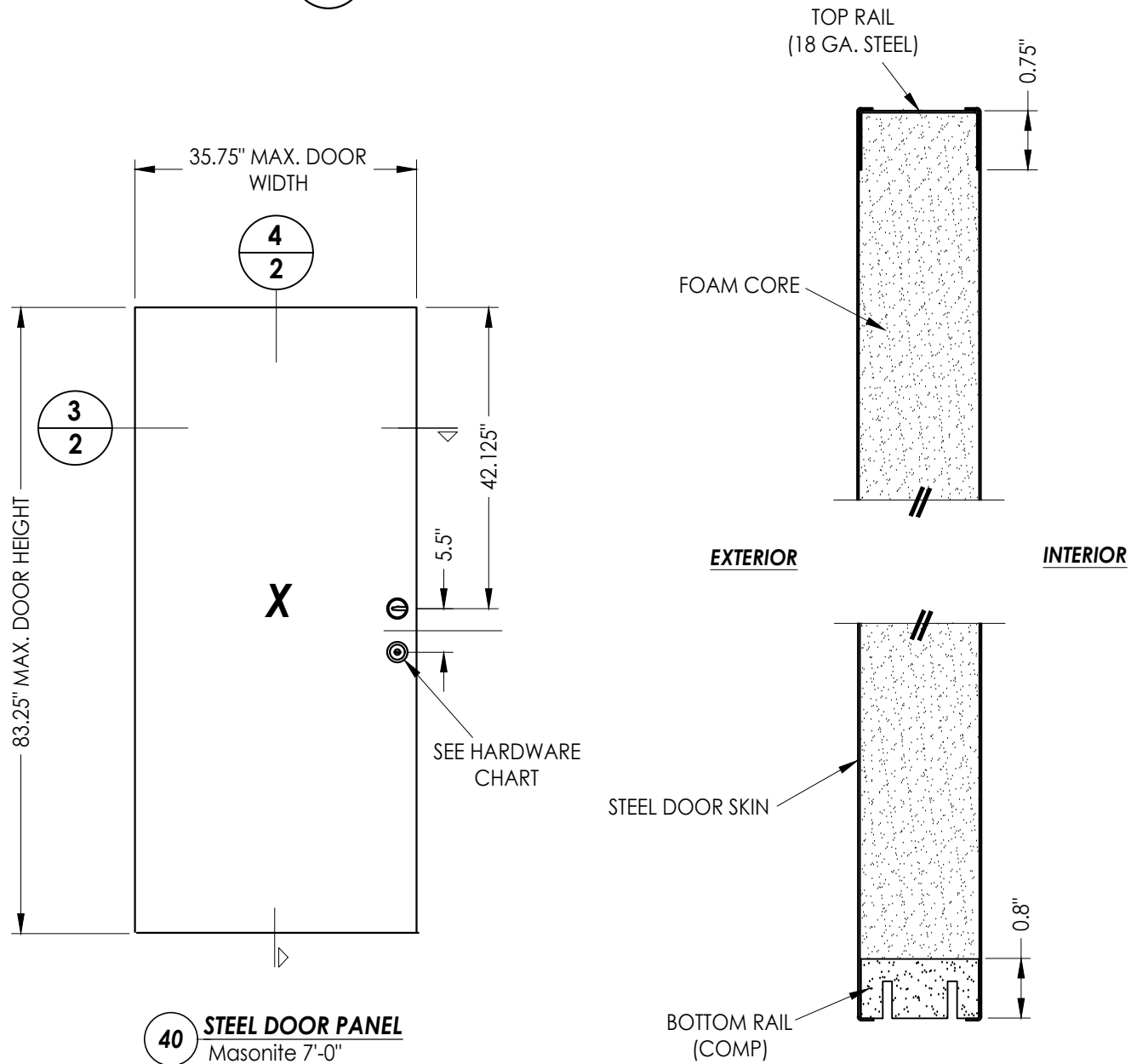
1
2 HORIZONTAL CROSS SECTION



3
2 HORIZONTAL CROSS SECTION



2
2 VERTICAL CROSS SECTION



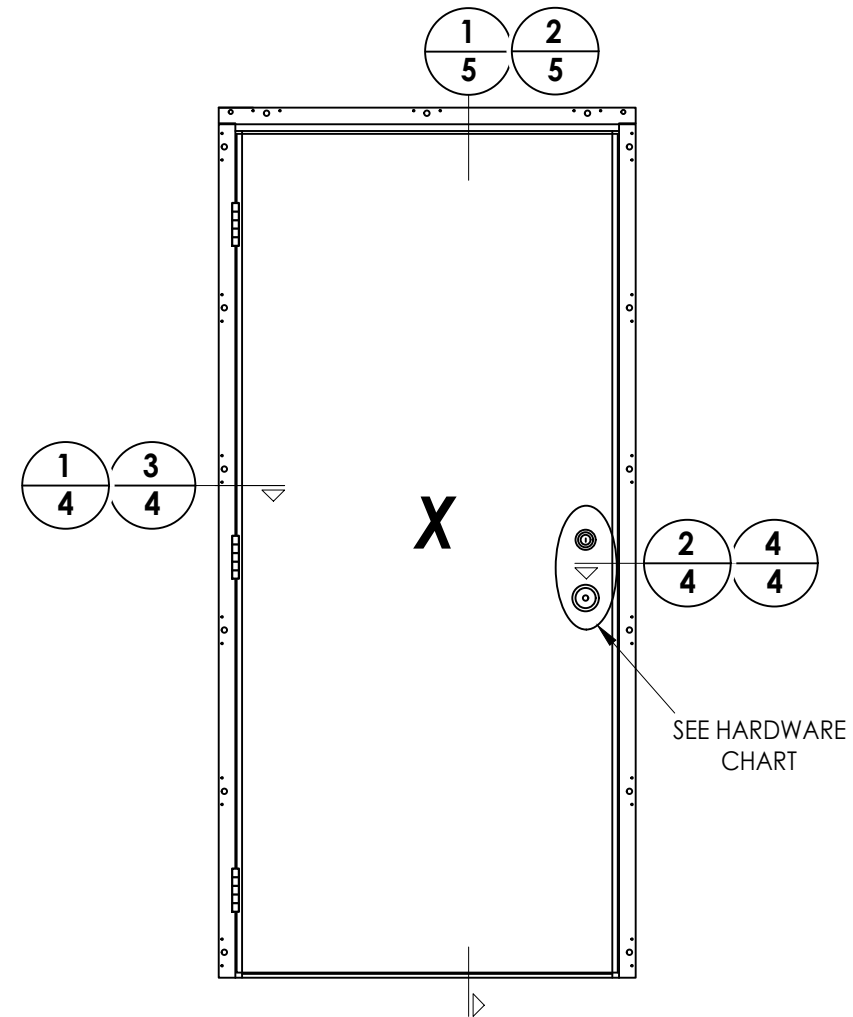
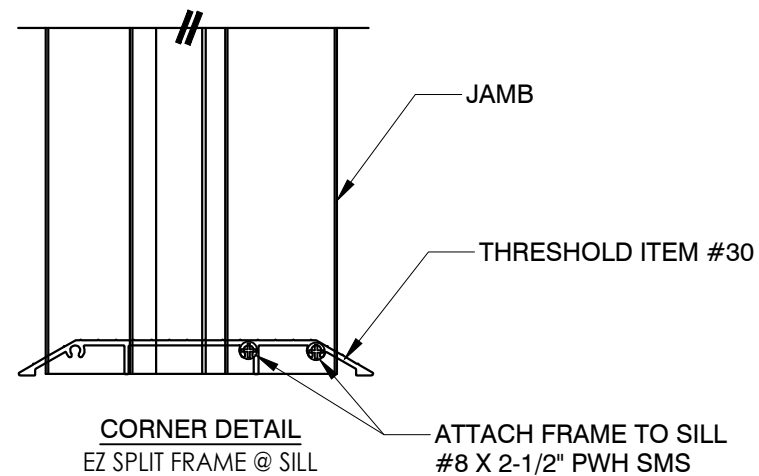
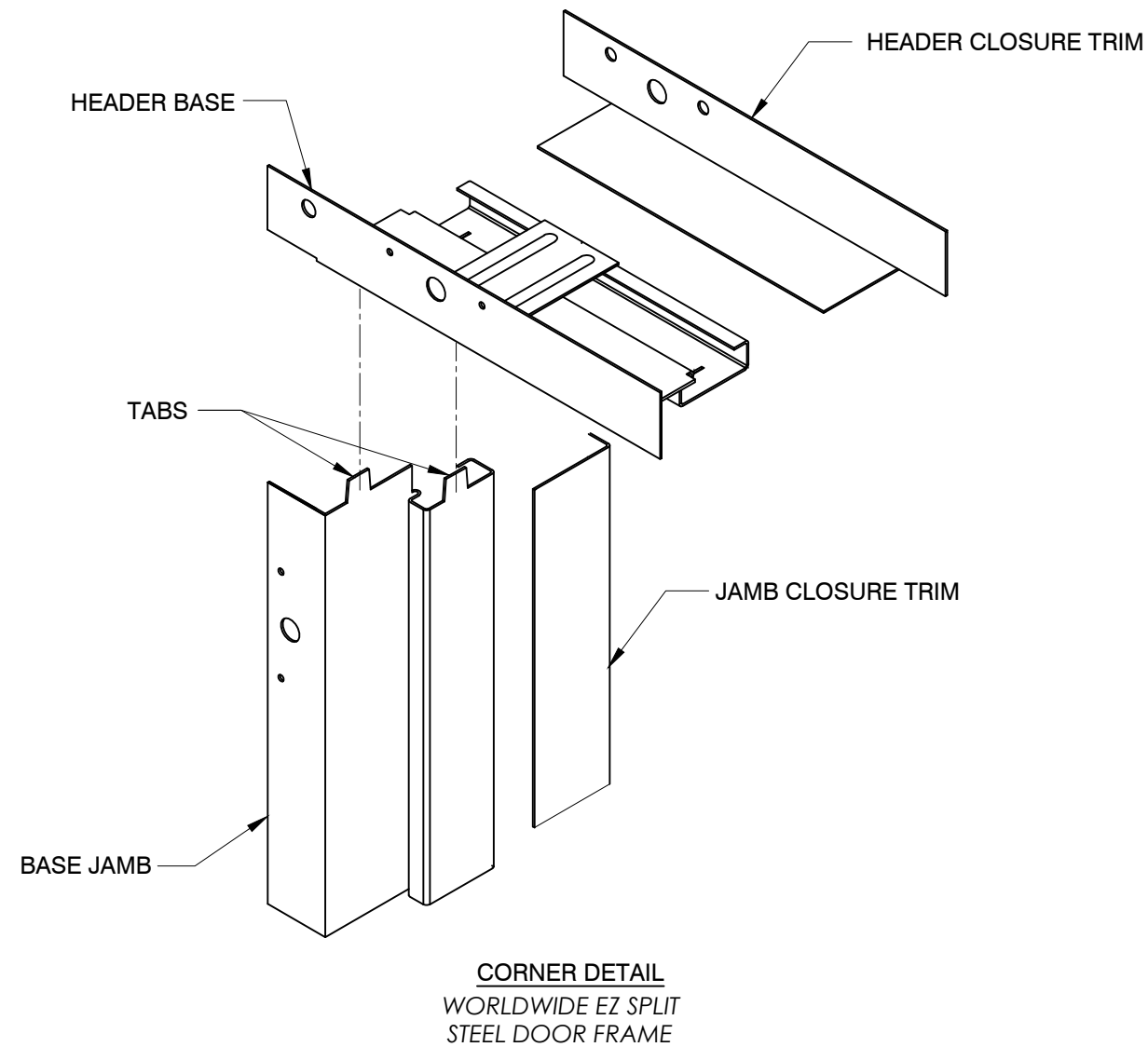
4
2 VERTICAL CROSS SECTION

DOOR SKIN: 0.022" MIN. THK. GALV. STEEL
CORE MATERIAL: POLYURETHANE CORE

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:		PART OR ASSEMBLY:	
WORLDWIDE STEEL FRAME		DOOR PANEL DETAILS	
NO.	DATE	REVISIONS	BY
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
1	8/08/23	UPDATE TO 8TH ED. (2023) FBC	LFS
DATE: 4/15/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-14969.7			
SHEET 2 OF 7			



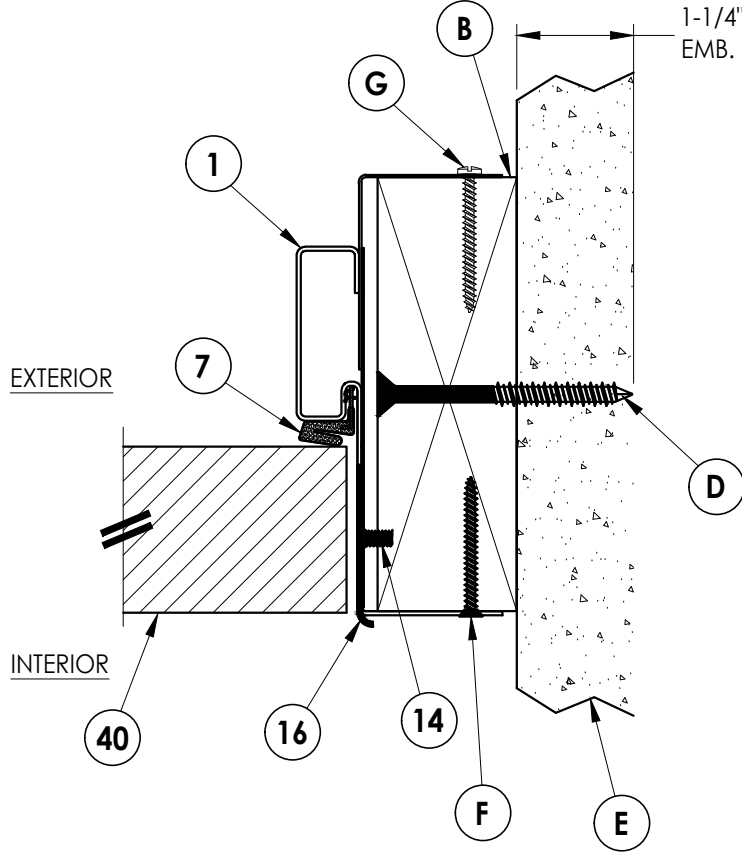
HARDWARE TABLE		
MANUFACTURER	MODEL	
PAMEX	KNOB:	FT3 SERIES
	DEADBOLT:	FD2 SERIES

[illegible]

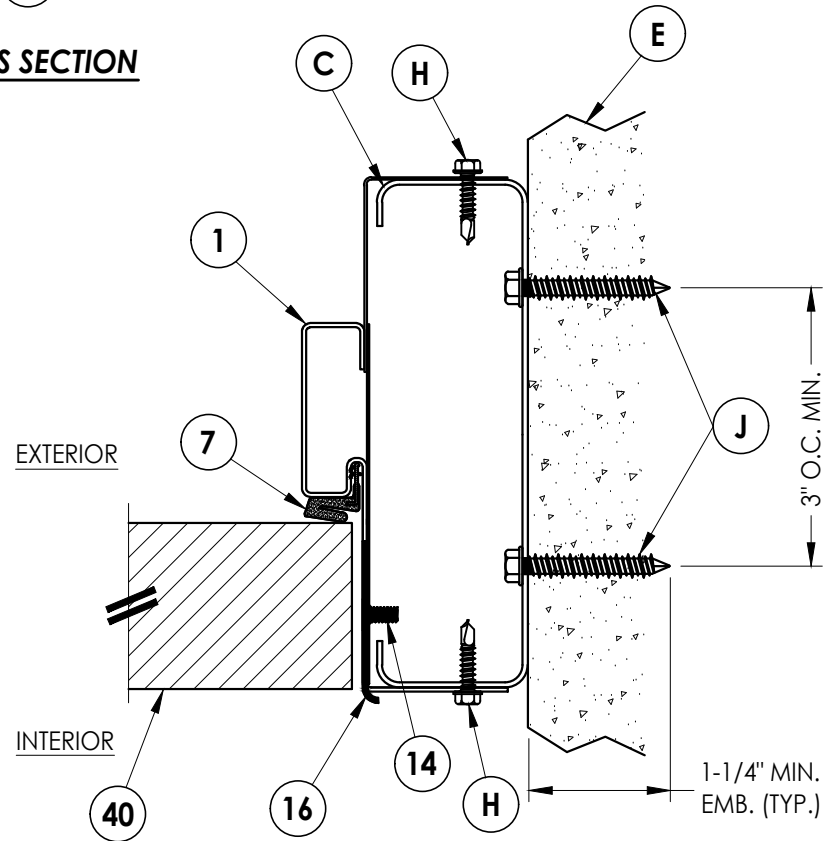
DATE:	4/15/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-14969.7
SHEET	<u>3</u> OF <u>7</u>

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



2 HORIZONTAL CROSS SECTION
4 2X Buck Construction

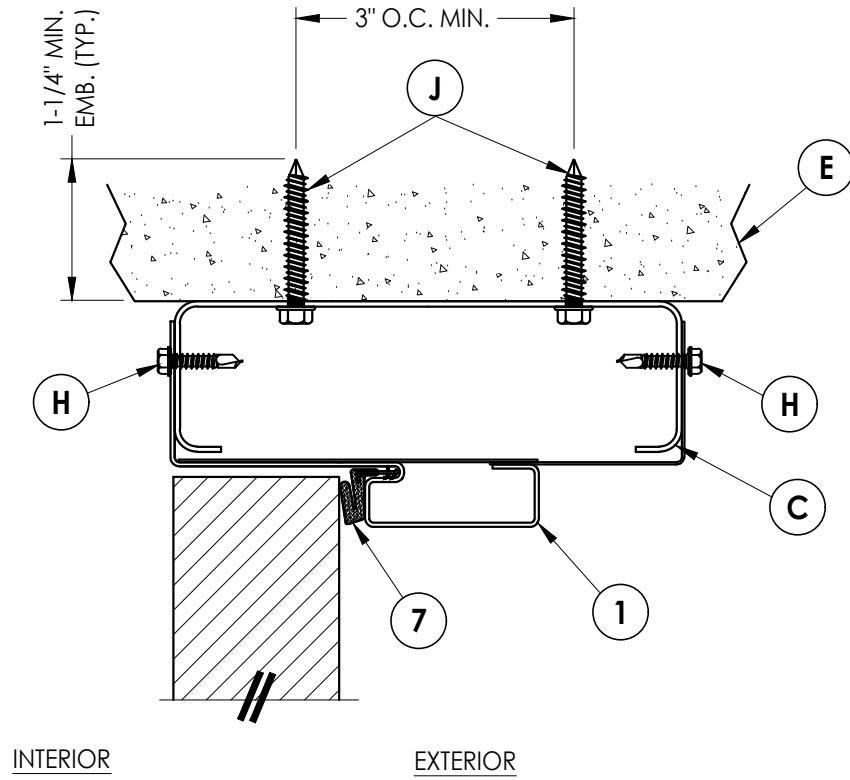
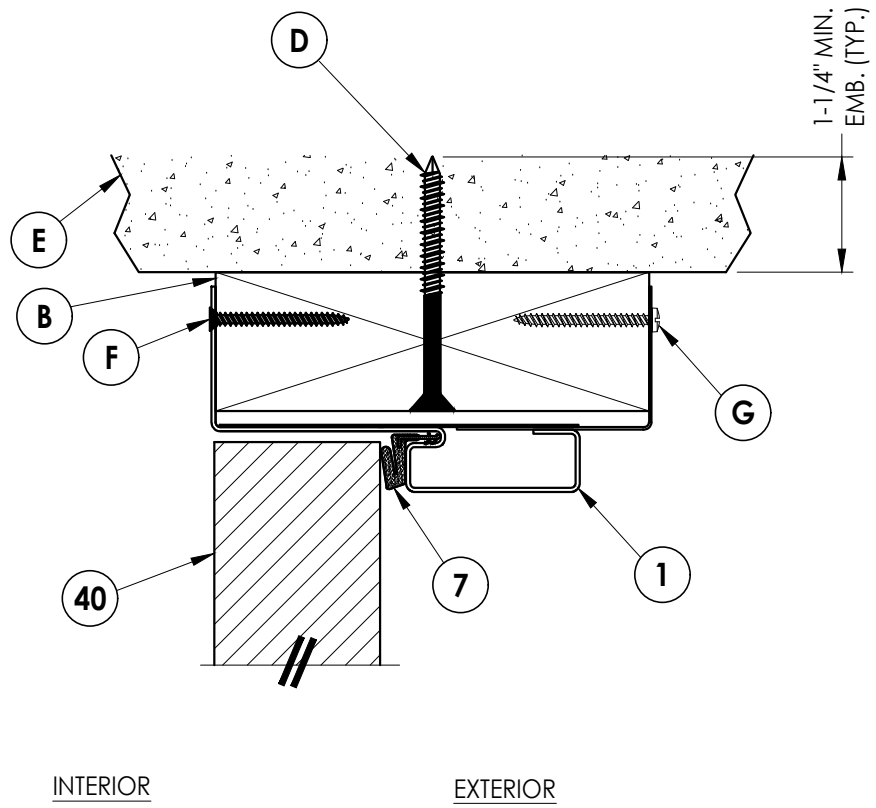
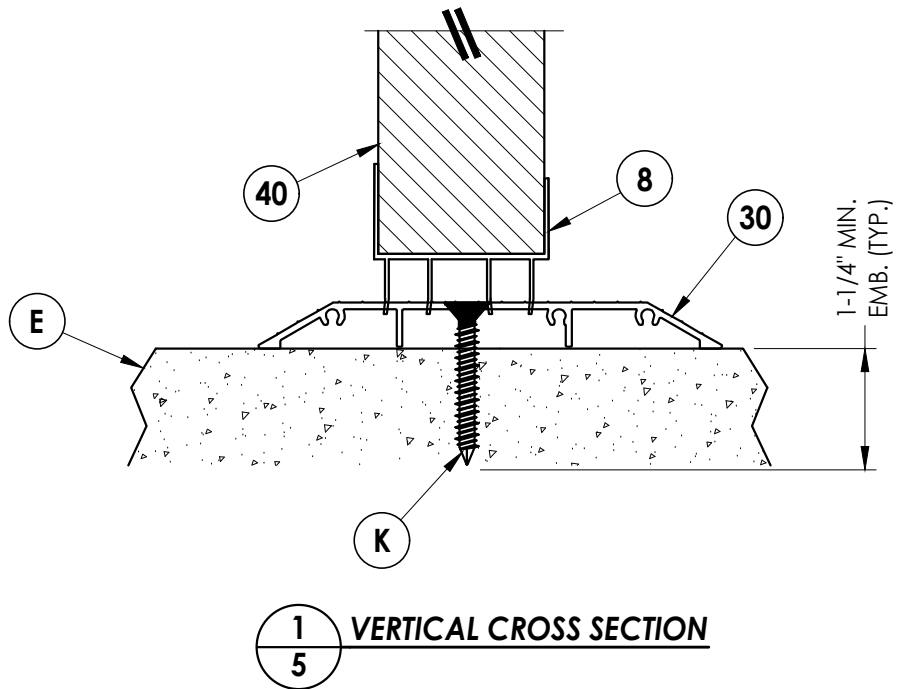


4 **HORIZONTAL CROSS SECTION**
Steel Stud Construction

2	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
1	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
NO.	DATE				BY
					REVISIONS

DATE:	4/15/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-14969.7
SHEET	<u>4</u> OF <u>7</u>

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



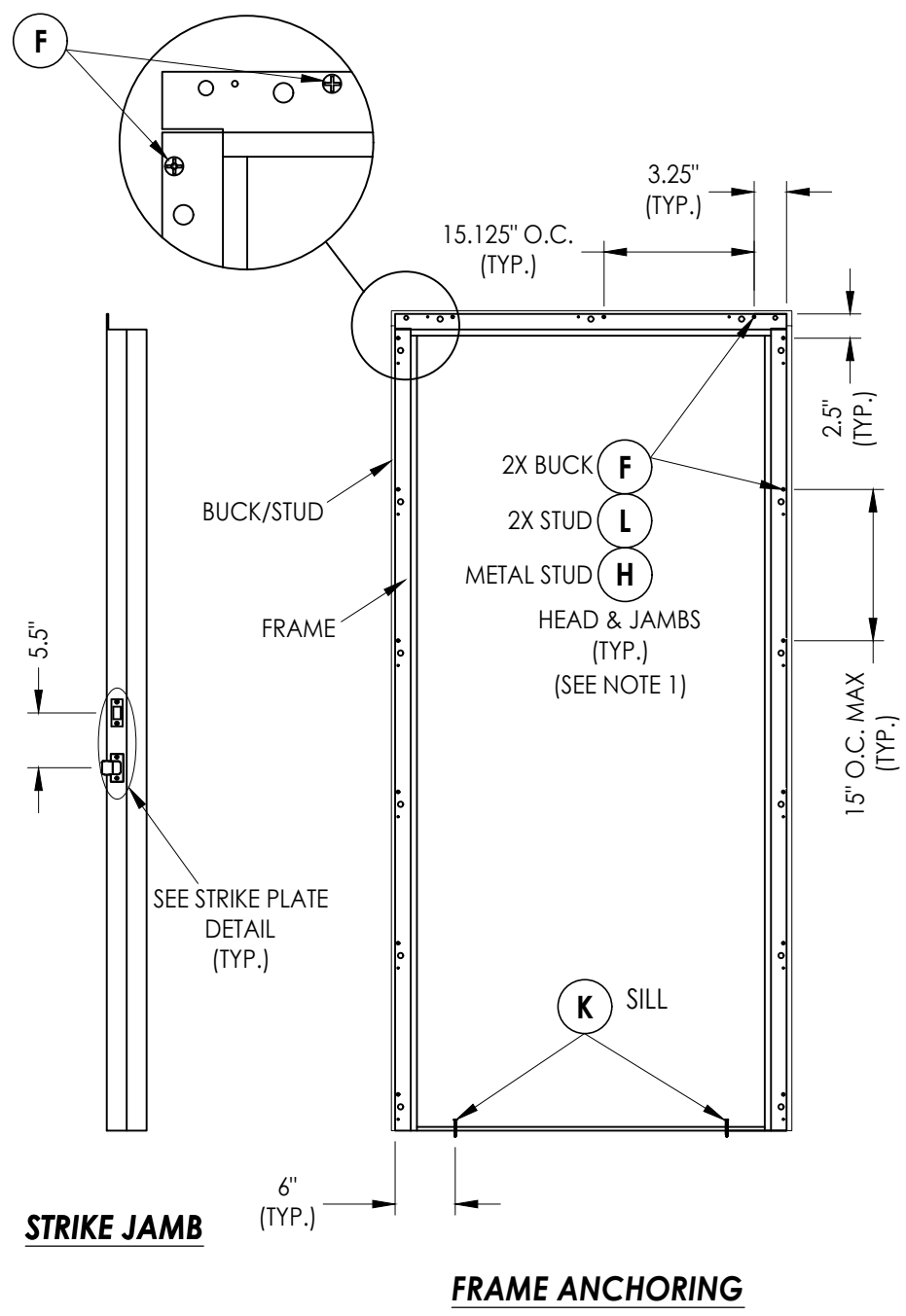
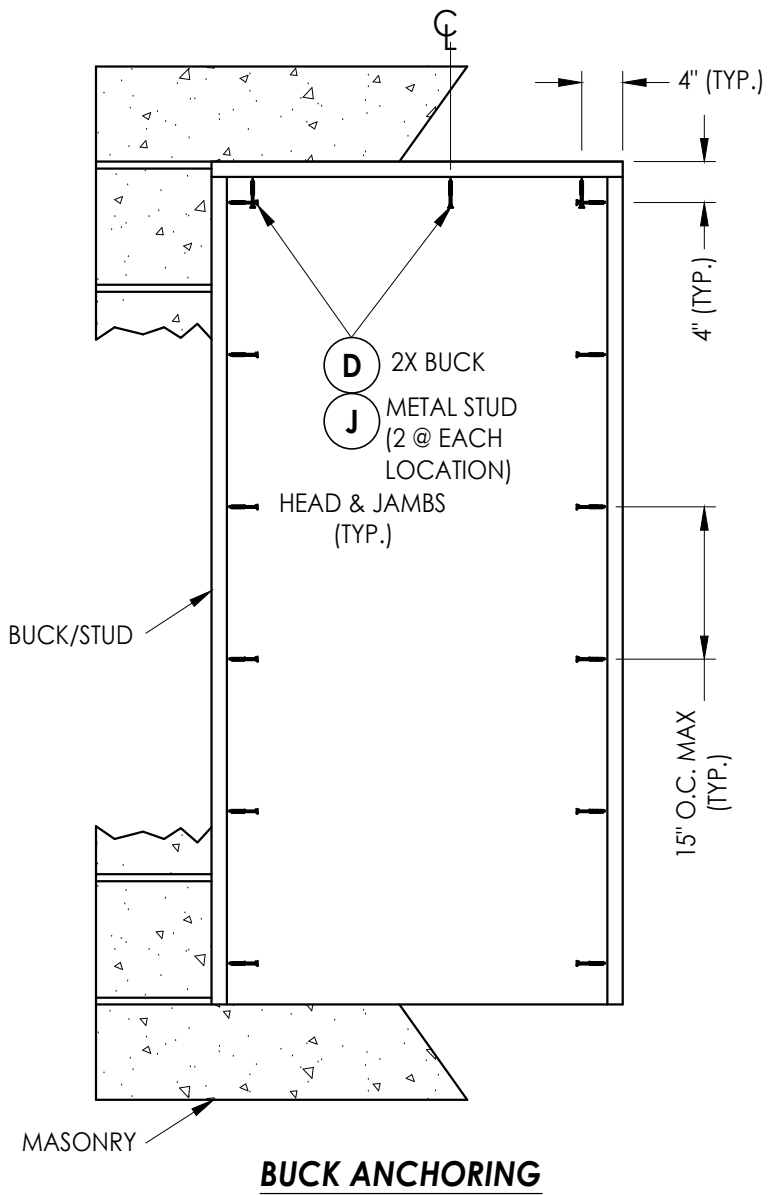
2 VERTICAL CROSS SECTION
5

[illegible]

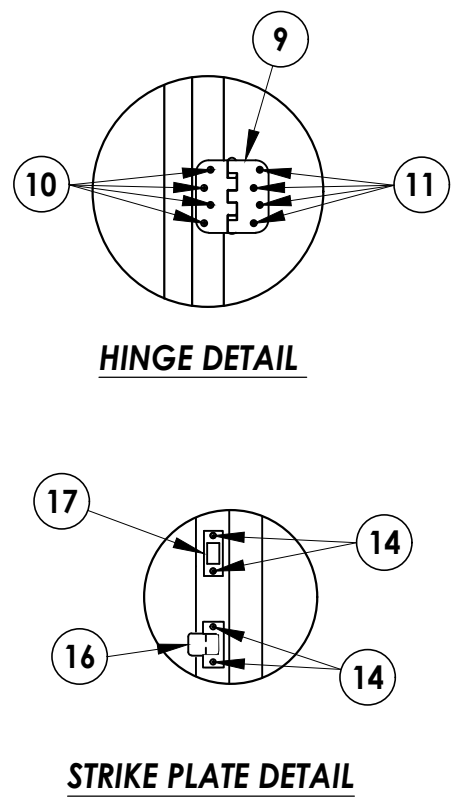
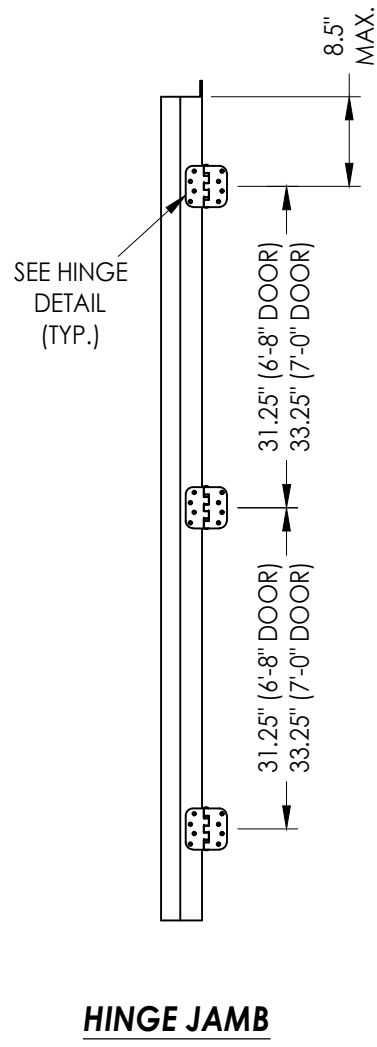
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

Z:\2023 FBC Drawings\Worldwide Door Components\FL-14969 R14\FL-14969.7.dwg



NOTE:
1. ITEMS (F), (L) & (H) ARE LOCATED ON THE INTERIOR FACE THROUGH THE MAIN FRAME AS SHOWN. ITEMS (G), (M) & (H) (NOT SHOWN) ARE LOCATED ON THE EXTERIOR FACE THROUGH THE CLOSURE FRAME AS FOLLOWS: 11.375" O.C. ALONG HEAD (4 TOTAL) & 12.625" O.C. ALONG JAMBS (7 TOTAL EACH JAMB).



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: WORLDWIDE STEEL FRAME		PART OR ASSEMBLY: BUCK & FRAME ANCHORING (7'-0" DOOR)					
				LFS	FBC	2	7/01/26
				LFS	FBC	1	8/08/23
				NO.	DATE		
				REVISIONS			
DATE: 4/15/21							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-14969.7							
SHEET 6 OF 7							

Z:\2023 FBC Drawings\Worldwide Door Components\FL-14969 R14\FL-14969.7.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X STUD FRAMING (SG>= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	METAL STUD (SSMA STUD 550S162-54, Fy = 33 ksi, Fu = 45 ksi)	STEEL
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 OR ASTM A653 STEEL	CONCRETE
F	#8 X 1-1/2" FH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
G	#8 X 1-1/2" PH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
H	#10 X 3/4" HWH SELF-DRILLING TEK SCREW (3 THREADS MUST PROTRUDE THRU STEEL)	STEEL
J	1/4" X 1-3/4" DeWALT HWH CONCRETE SCREW	STEEL
K	1/4" X 1-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
L	#8 X 2" FH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
M	#8 X 2" PH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
1	EZ SPLIT FRAME (18 GA. GALV. STEEL) w/ CLOSURE	STEEL
7	WEATHERSTRIP	-
8	DOOR SWEEP	PVC
9	4" X 4" HINGE	STEEL
10	10-24 X 5/8" PFH MS	STEEL
11	#9 X 3/4" PFH SMS	STEEL
14	8-32 X 3/8" PFH MS	STEEL
16	LATCH STRIKE PLATE	STEEL
17	DEADBOLT STRIKE PLATE	STEEL
19	JAMB HINGE REINFORCEMENT (16 GA. 1.5" x 4" GALV. STEEL)	STEEL
30	ADA THRESHOLD	ALUM
40	DOOR - SEE DOOR PANEL DETAILS	-

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.

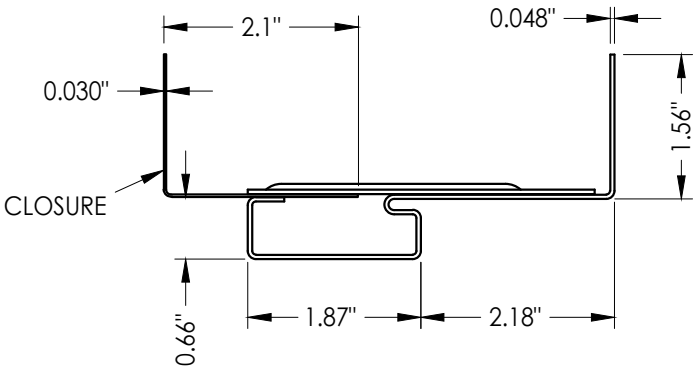
CONCRETE ANCHOR NOTES:

- 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:

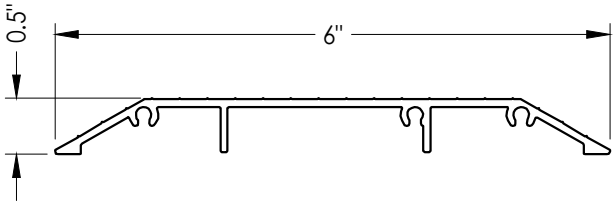
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	3"

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.



1 EZ SPLIT FRAME w/ CLOSURE



30 ADA THRESHOLD
AFCO A-202

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:

WORLDWIDE
STEEL FRAME

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

LFS

FBC

UPDATE TO 9TH ED. (2026)

FBC

7/01/26

8/08/23

NO.

DATE

REVISIONS

DATE: 4/15/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-14969.7

SHEET 7 OF 7