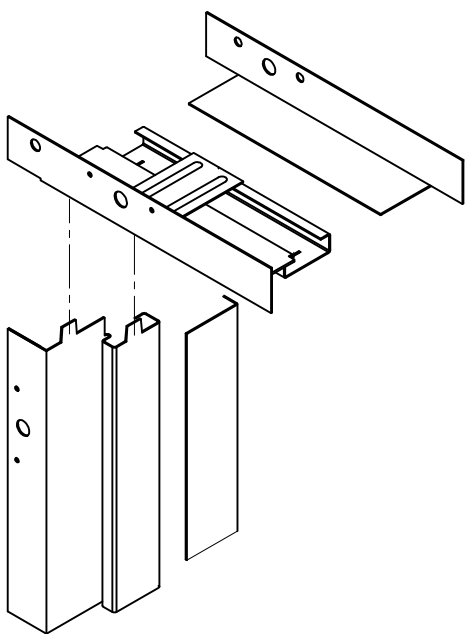


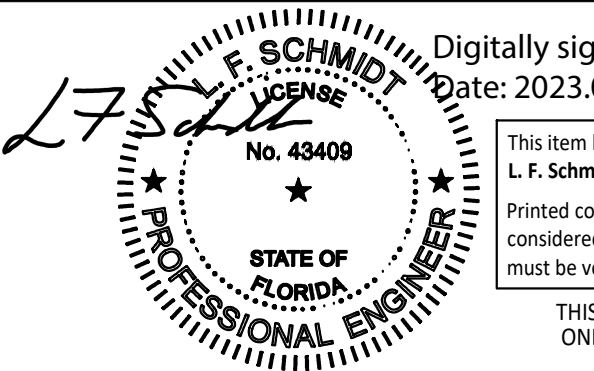
WORLDWIDE Door Components

5017 N. Coolidge
Tampa, FL 33614

EZ SPLIT ADJUSTABLE STEEL DOOR FRAME Utilizing a Steel Door Panel INSWING/OUTSWING "IMPACT"



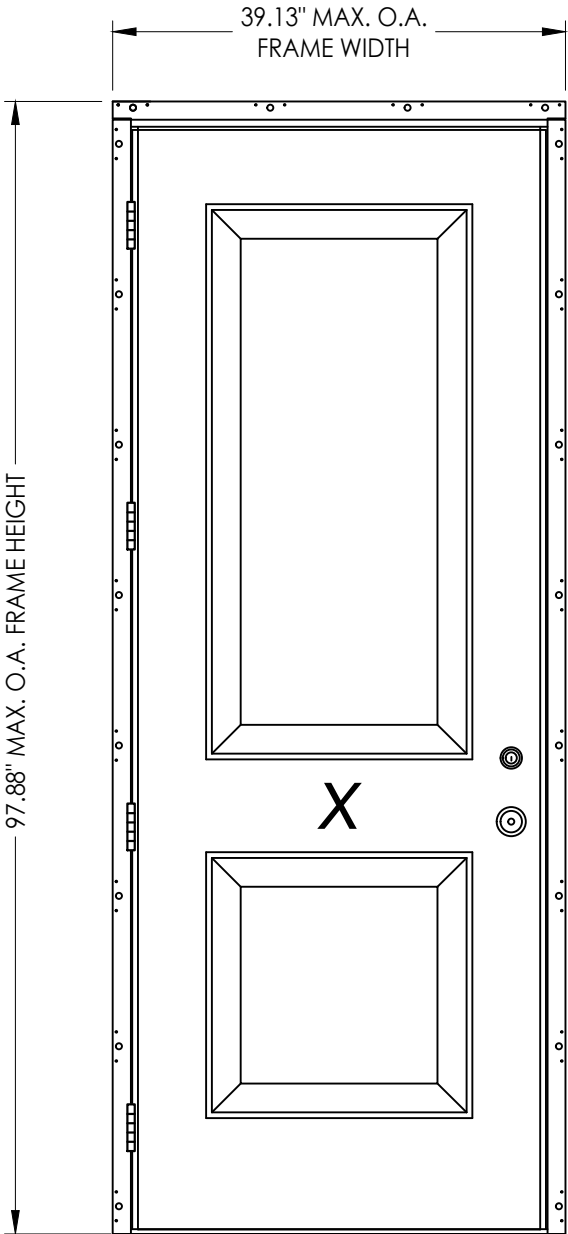
ADJUSTABLE STEEL DOOR FRAME
EZ SPLIT



Digitally signed by Lyndon F Schmidt
Date: 2023.08.08 12:03:48 -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

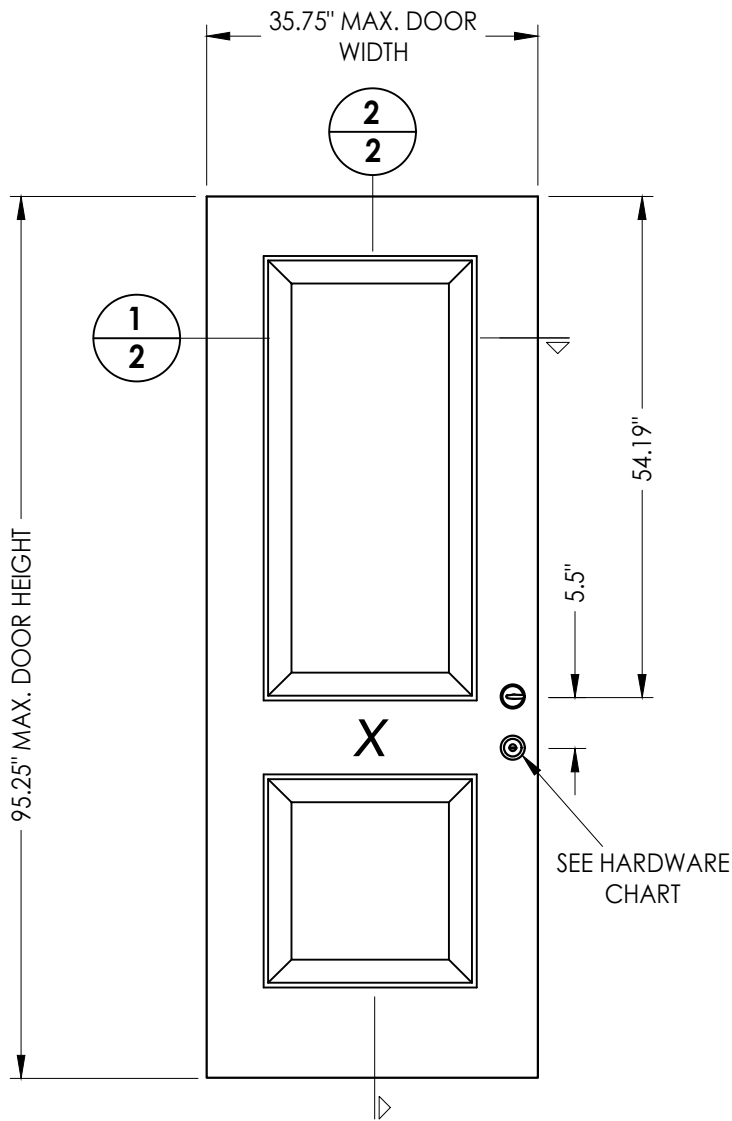
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 excludes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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/OUTSWING	
		POSITIVE	NEGATIVE
MASONITE	39.13" X 97.88"	+ 60.0	- 60.0

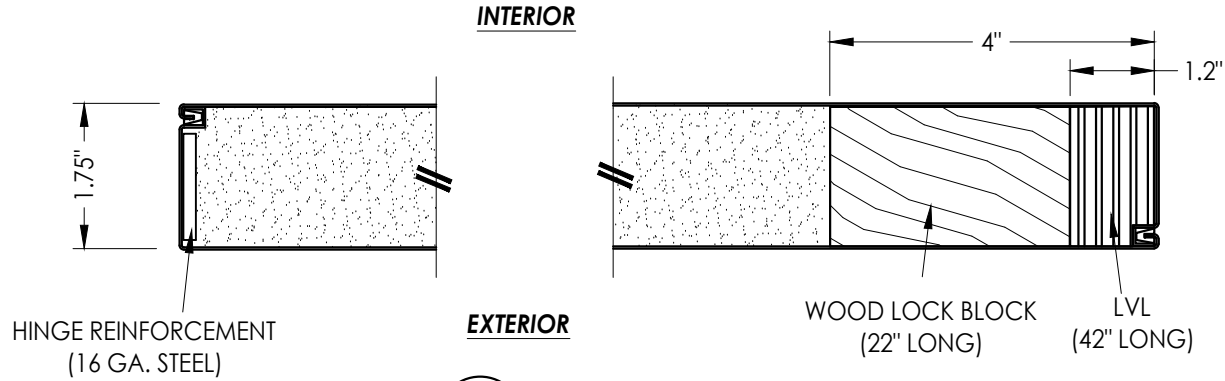
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: WORLDWIDE STEEL FRAME		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURE & GENERAL NOTES	
DATE: 2/07/23			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-14969.8			
SHEET 1 OF 7		REVISIONS	
		1	8/08/23
		NO.	DATE
		UPDATE TO 8TH ED. (2023)	FBC
			LFS
			BY

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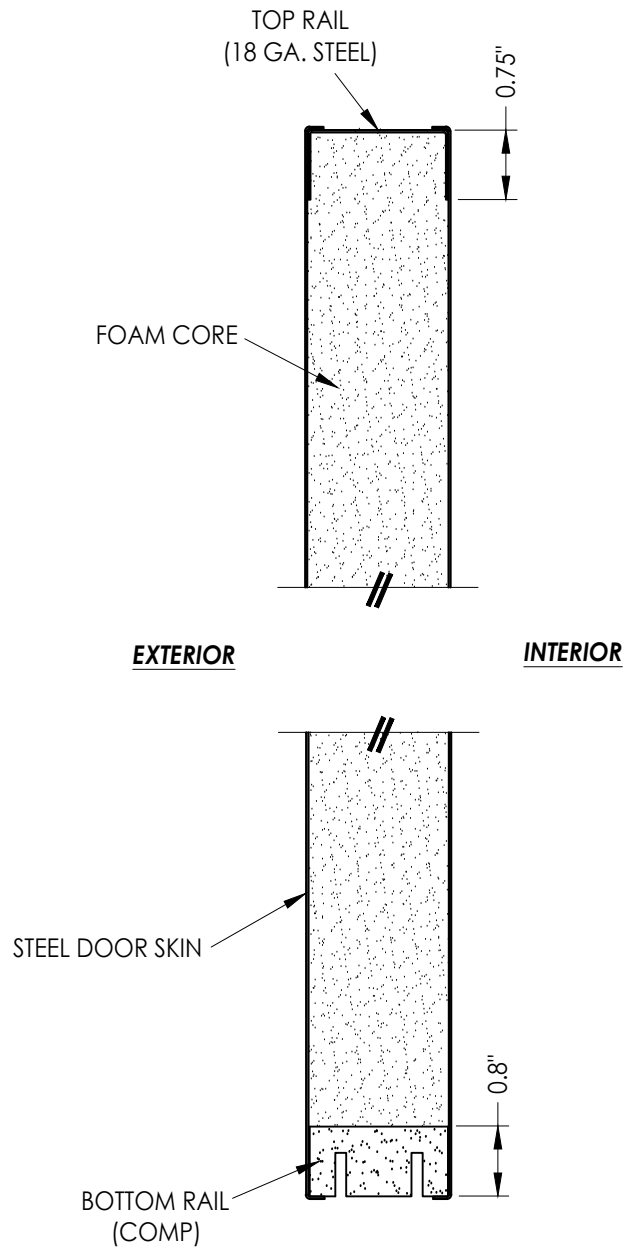


40 STEEL DOOR PANEL
Masonite 8-0"

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



1 2 HORIZONTAL CROSS SECTION



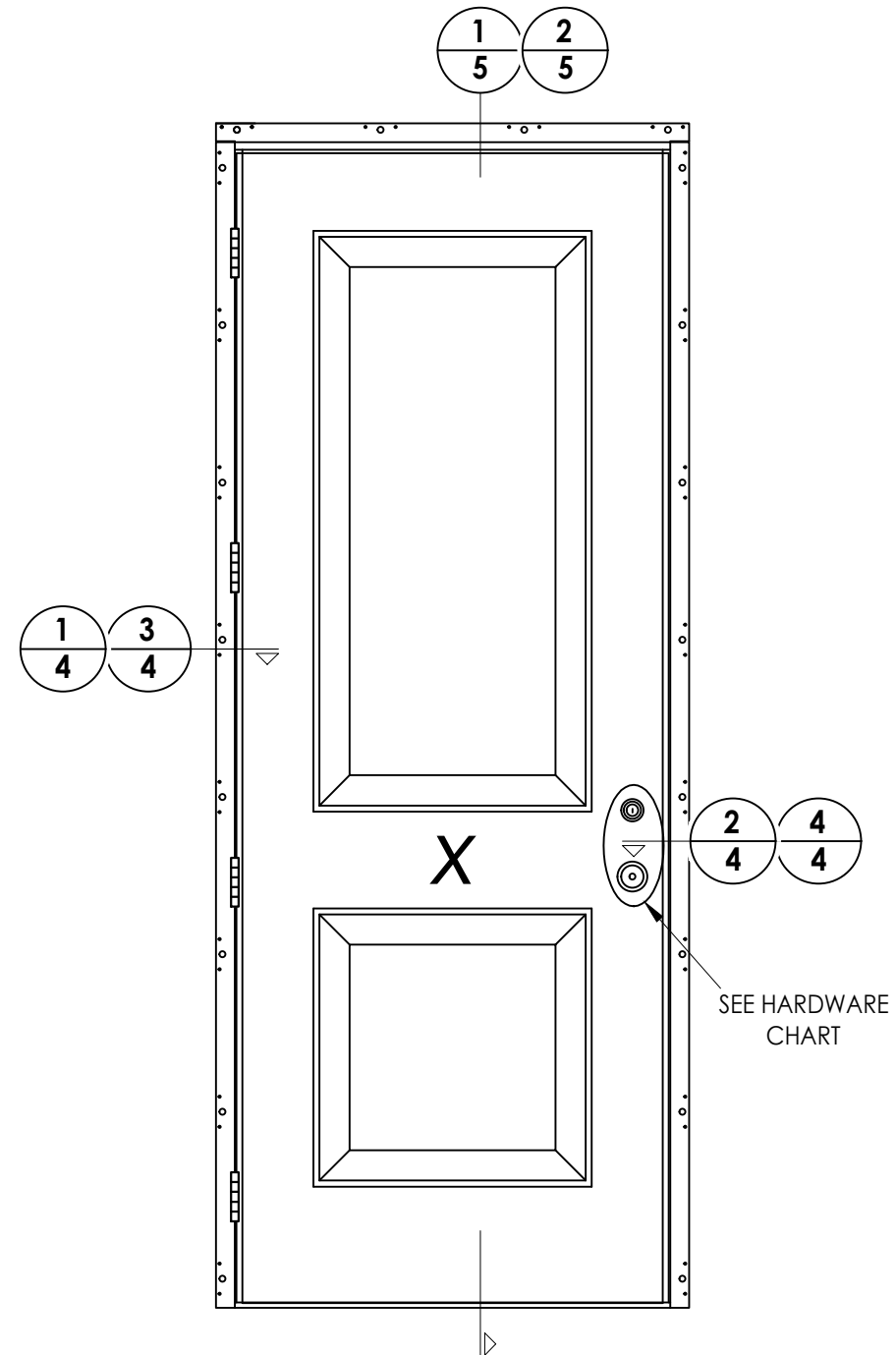
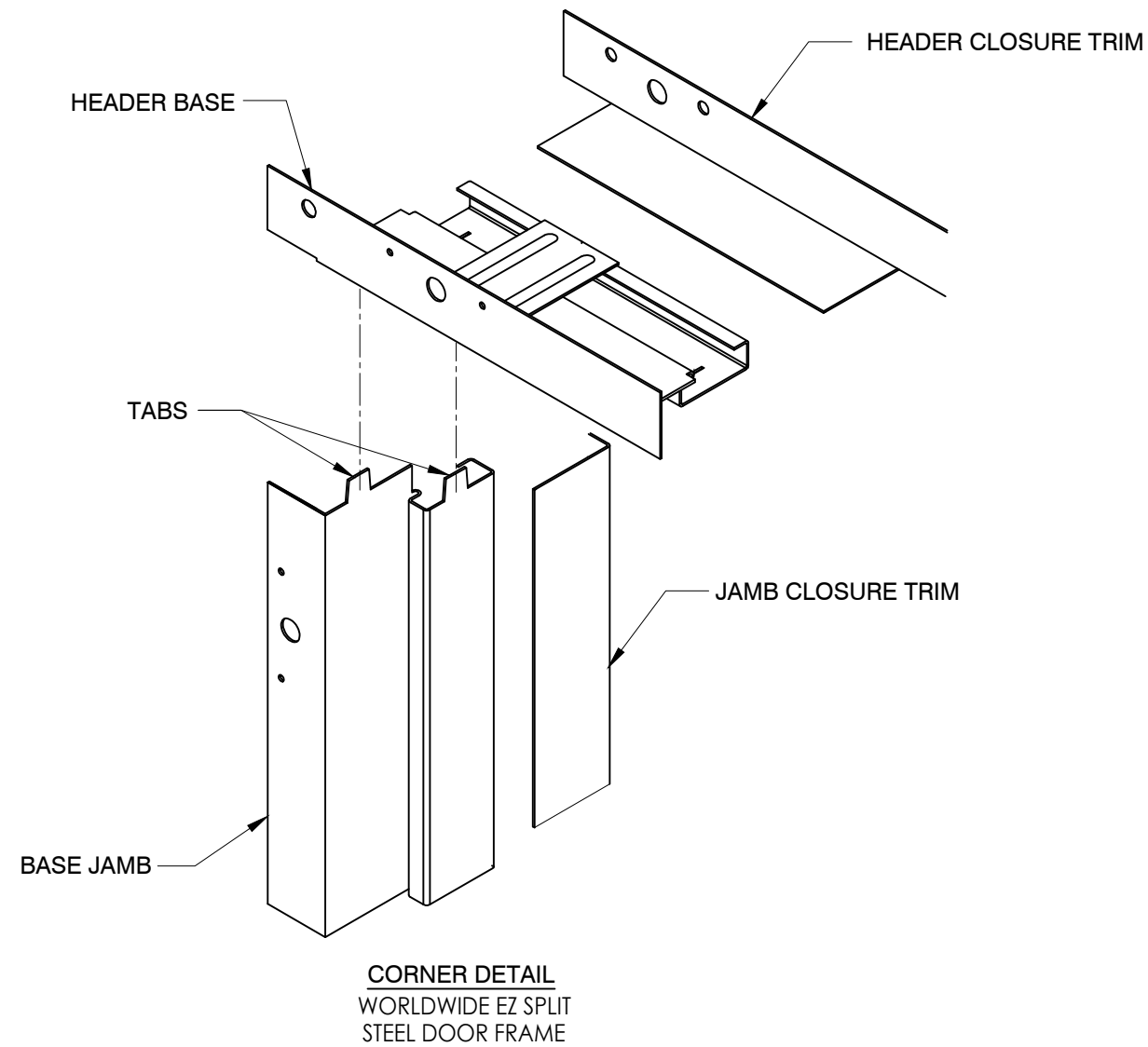
2 2 VERTICAL CROSS SECTION

NO.	DATE	REVISIONS
1	8/08/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE:	2/07/23
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-14969.8
SHEET	2 OF 7

PRODUCT:	WORLDWIDE STEEL FRAME
PART OR ASSEMBLY:	DOOR PANEL DETAILS

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
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HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB: DEADBOLT:	SIGNATURE SERIES SIGNATURE SERIES (980)
SCHLAGE	KNOB: DEADBOLT:	F51 B60N

1	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO.	DATE			BY	
REVISIONS					

DATE: 2/07/23

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:

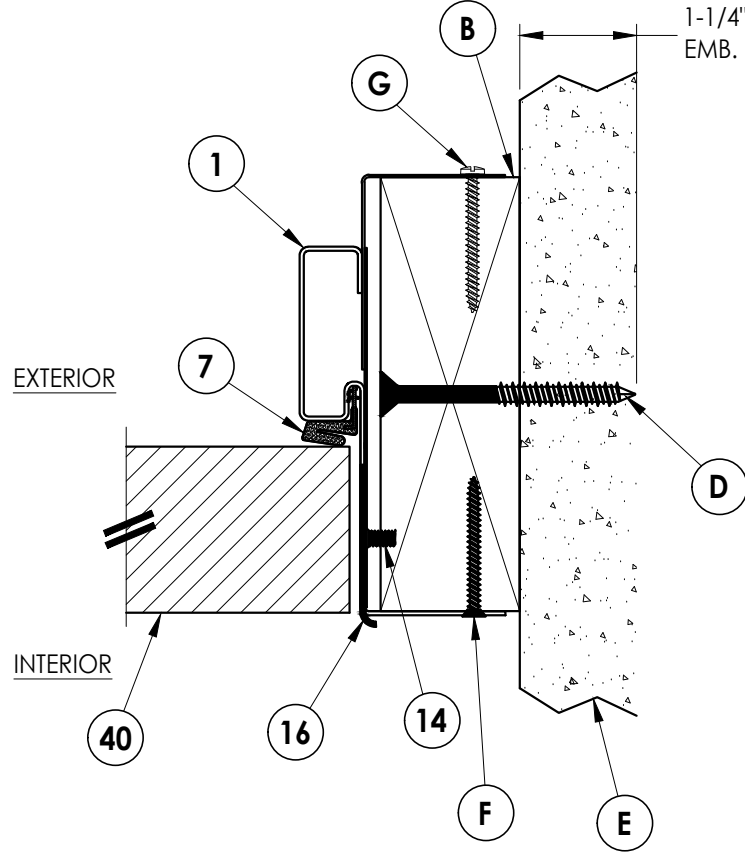
FL-14969.8

SHEET 3 OF 7

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

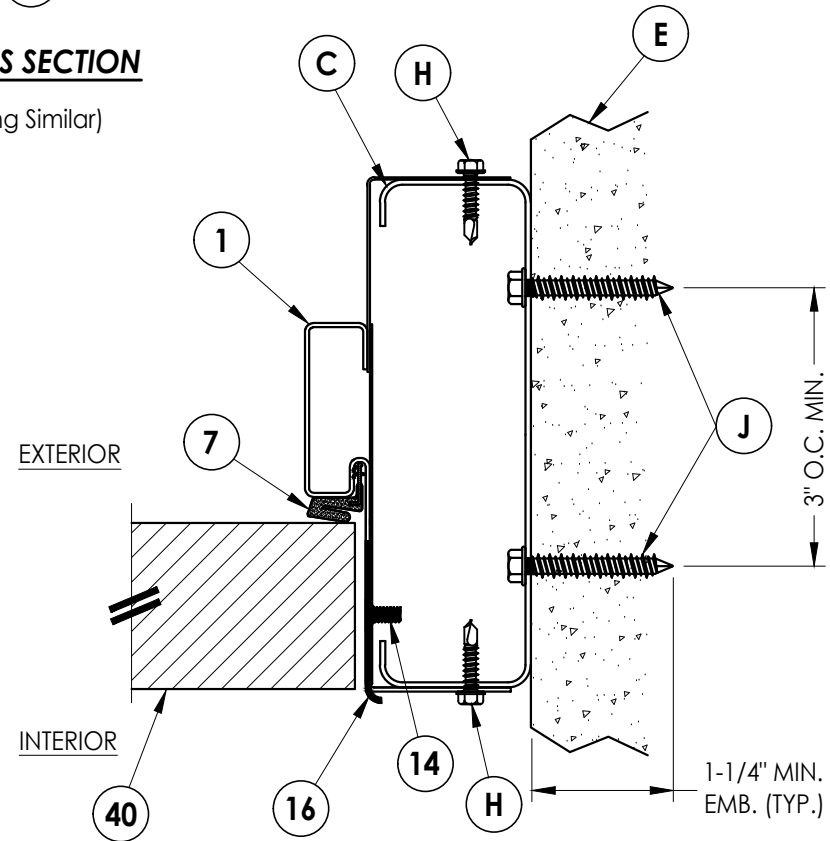
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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2 HORIZONTAL CROSS SECTION

4 2X Buck Construction Inswing Shown (Outswing Similar)

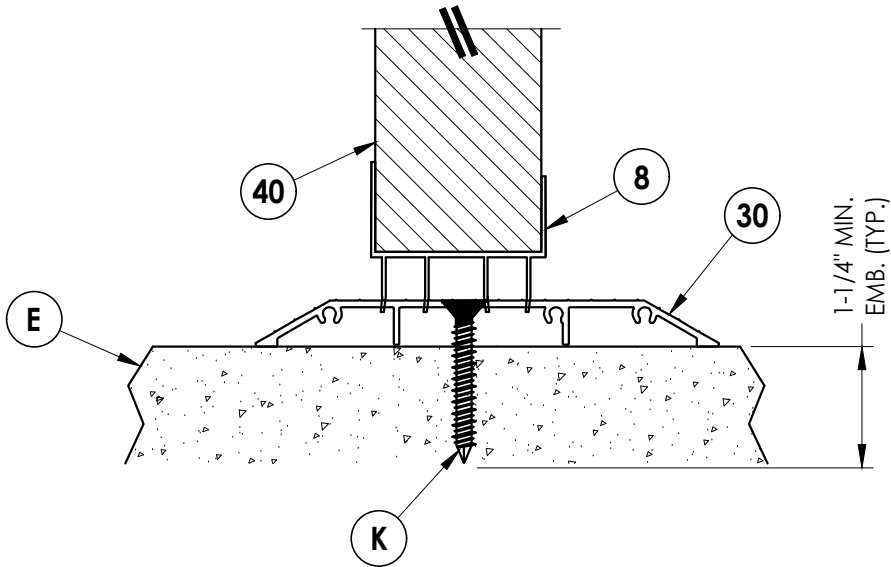


4 HORIZONTAL CROSS SECTION
Steel Stud Construction
Inswing Shown (Outswing Similar)

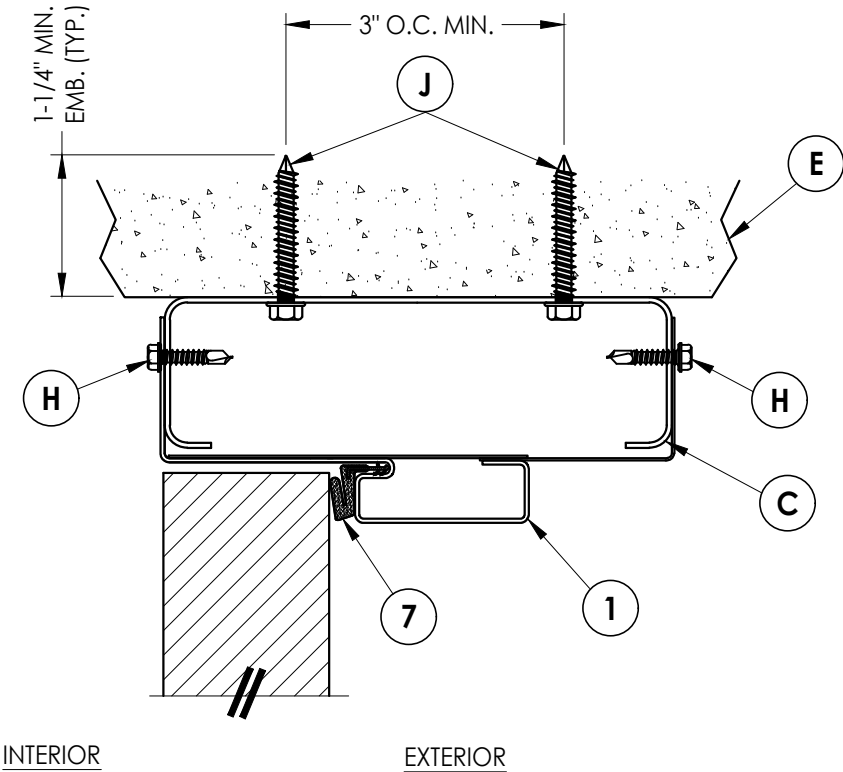
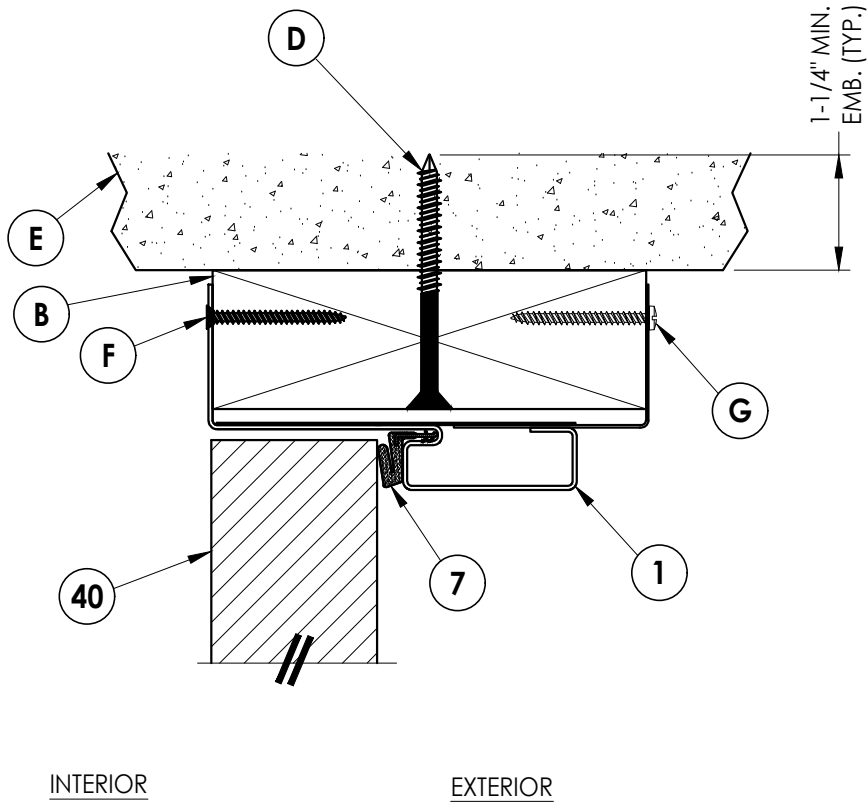
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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1
5 VERTICAL CROSS SECTION
Inswing Shown (Outswing Similar)



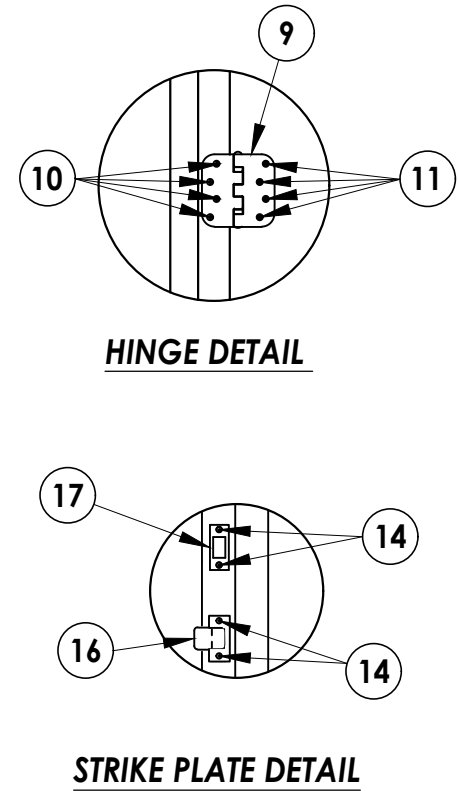
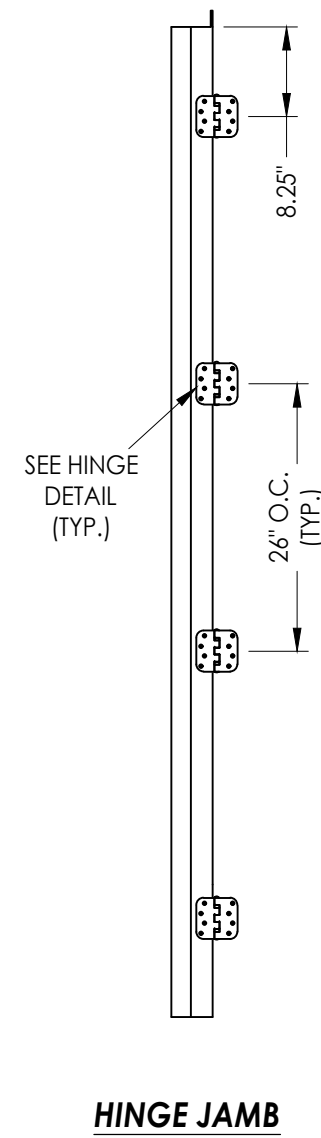
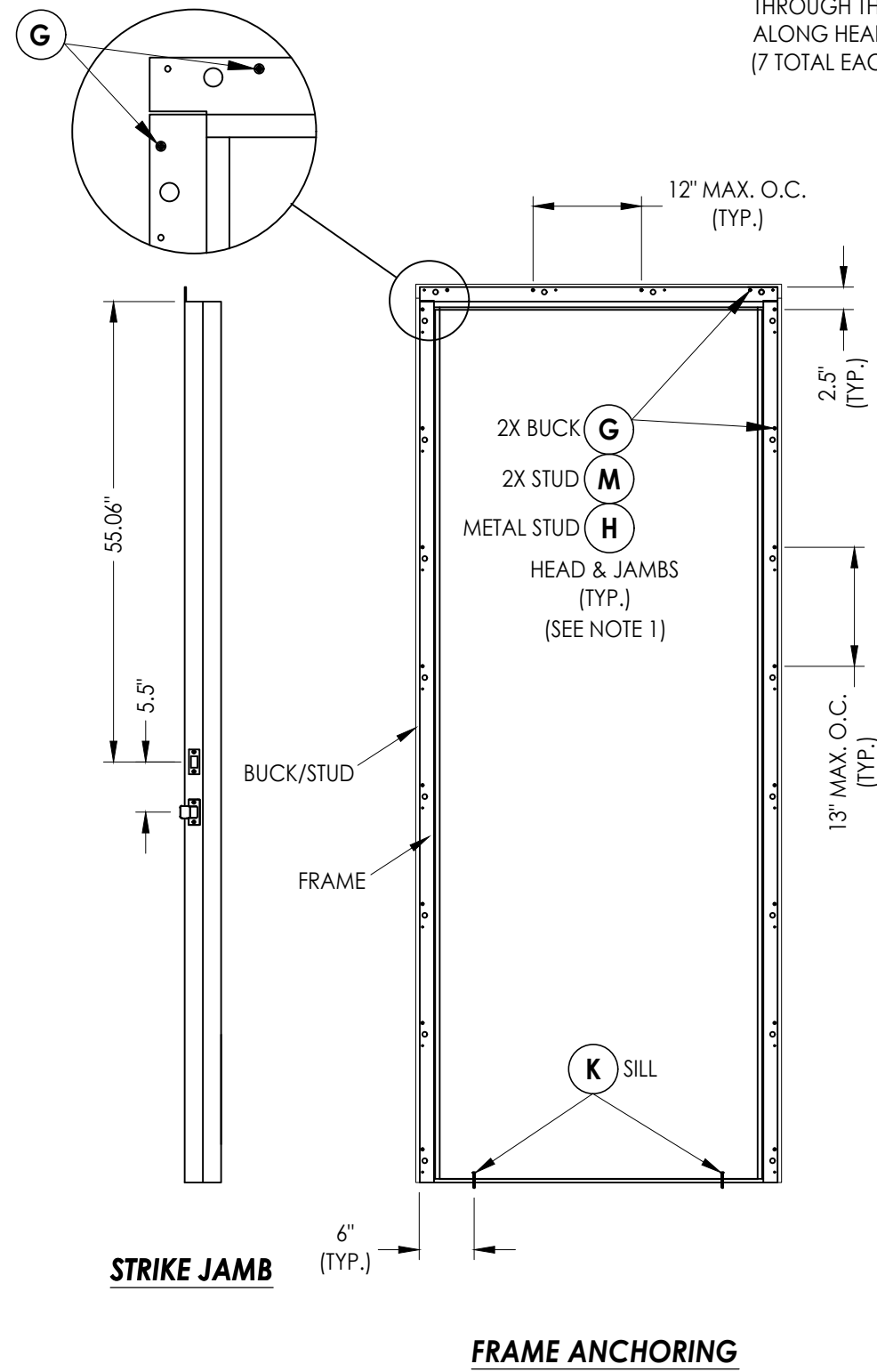
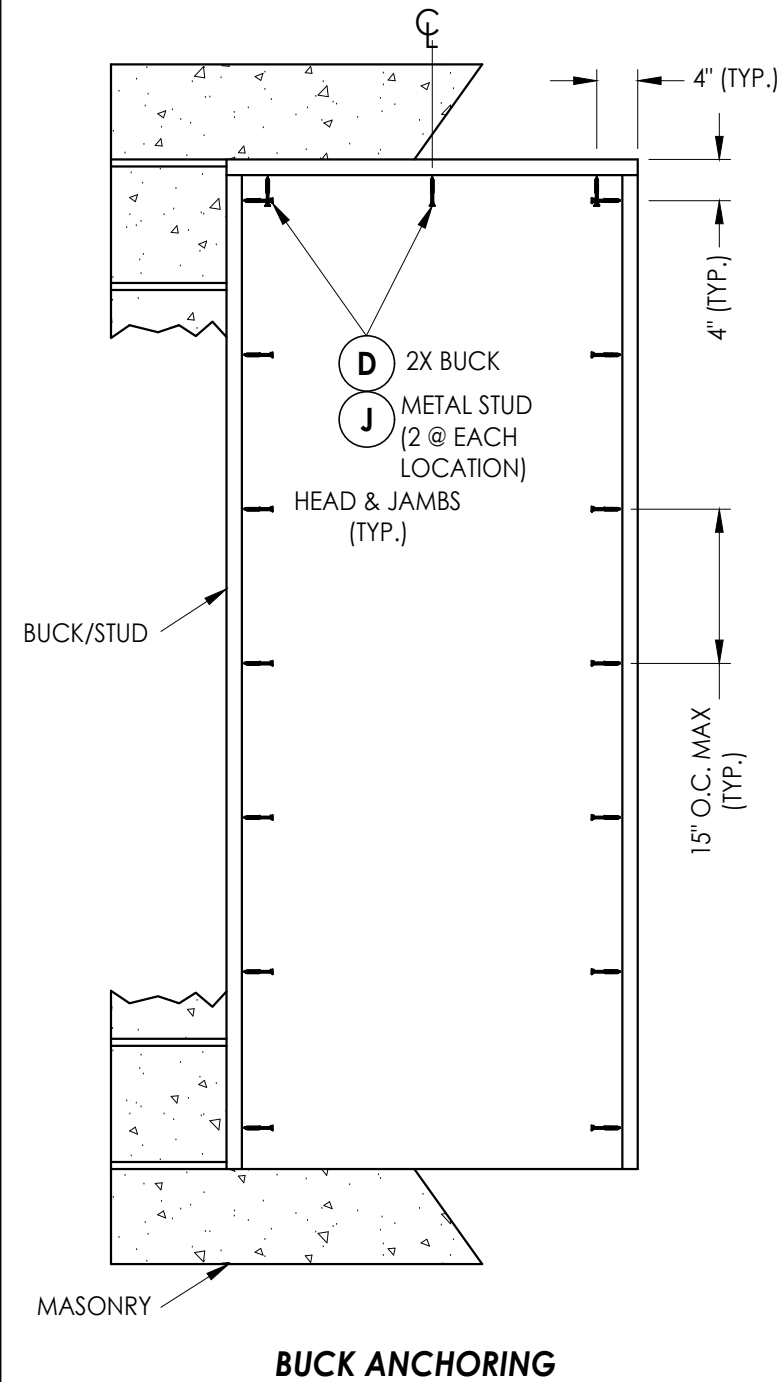
2
5 VERTICAL CROSS SECTION
Inswing Shown (Outswing Similar)

DATE: 2/07/23
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-14969.8
SHEET 5 OF 7

NO.	DATE	REVISIONS
1	8/08/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

PRODUCT:	WORLDWIDE STEEL FRAME
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

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



NOTE:
1. ITEMS (G), (M) & (H) ARE LOCATED ON THE EXTERIOR FACE THROUGH THE MAIN FRAME AS SHOWN. ITEMS (F), (L) & (H) (NOT SHOWN) ARE LOCATED ON THE INTERIOR FACE THROUGH THE CLOSURE FRAME AS FOLLOWS: 16" O.C. ALONG HEAD (4 TOTAL) & 16" O.C. ALONG JAMBS (7 TOTAL EACH JAMB).

[illegible]

PRODUCT: WORLDWIDE
STEEL FRAME

PART OR ASSEMBLY: BUCK & FRAME ANCHORING
(7'-0" DOOR)

RW BUILDING CO.
P.O. Box 23
Phone No.:
FBPE Register

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	-

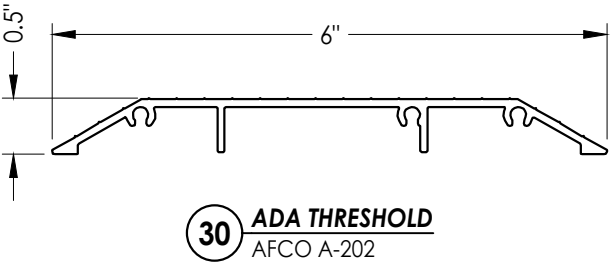
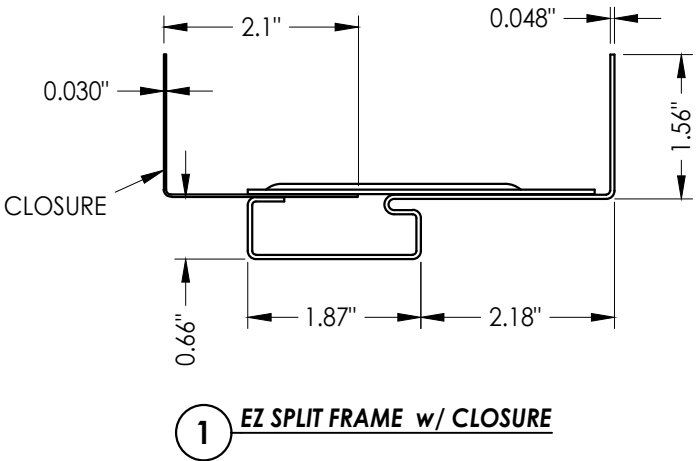
CONCRETE ANCHOR NOTES:

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 ULTRA-CON®	1/4"	1-1/4"	2-1/2"	3"

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.



DATE: 2/07/23 SCALE: N.T.S. DWG. BY: RW CHK. BY: LFS DRAWING NO.: FL-14969.8 SHEET 7 OF 7	1 NO.	8/08/23 DATE	UPDATE TO 8TH ED. (2023) FBC	LFS BY	REVISIONS
PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS					
PRODUCT: WORLDWIDE STEEL FRAME					
BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813					
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					