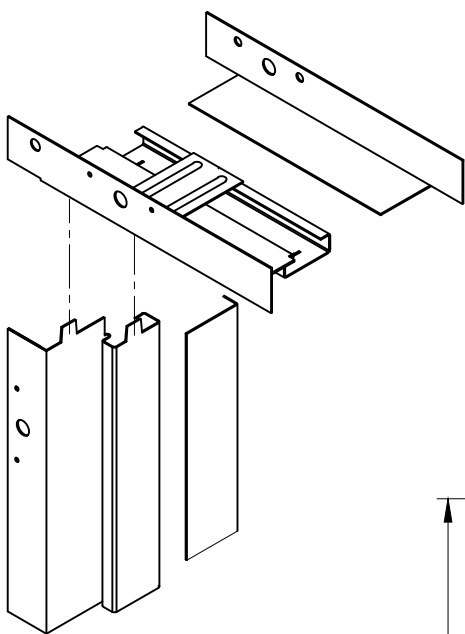


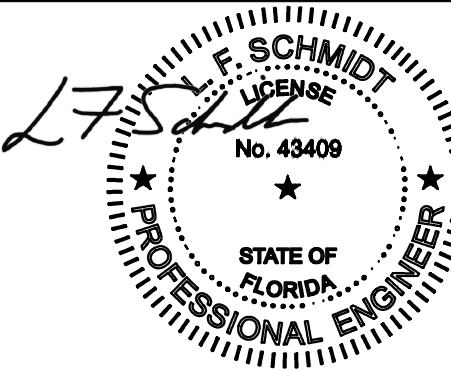
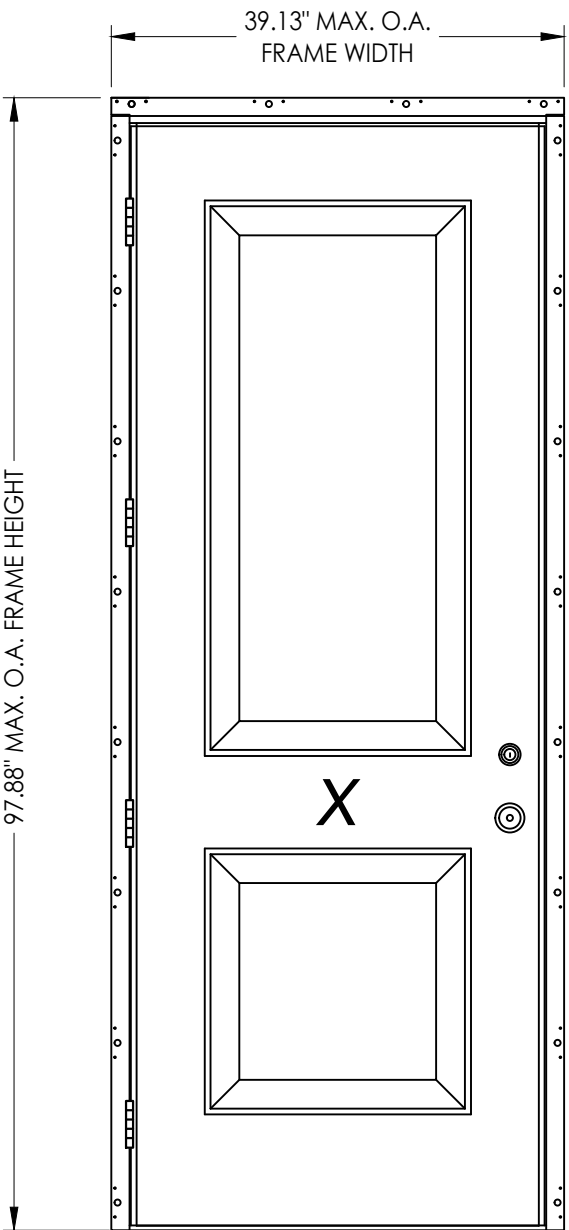
WORLDWIDE Door Components

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: 2026.07.23
0:18:15 -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 excludes Wind Zone 4 as defined in ASTM E 1996.
4. 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

WORLDWIDE
STEEL FRAME

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

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: 2/07/23

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-12991.4

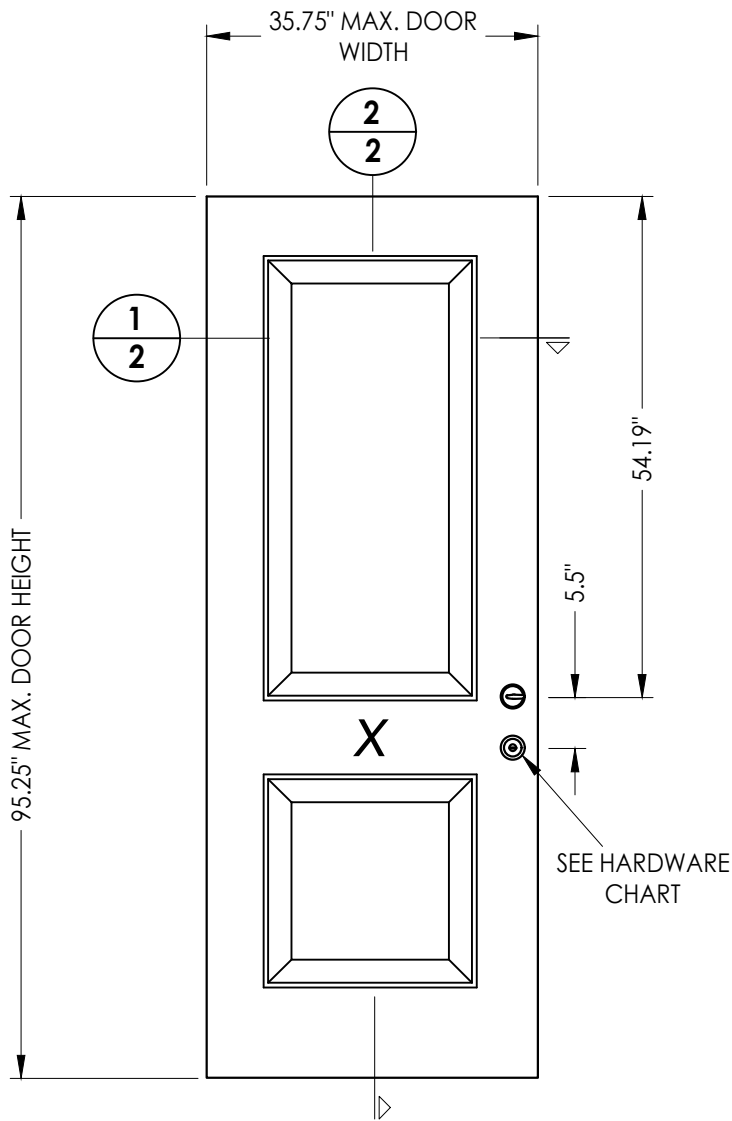
SHEET 1 OF 7

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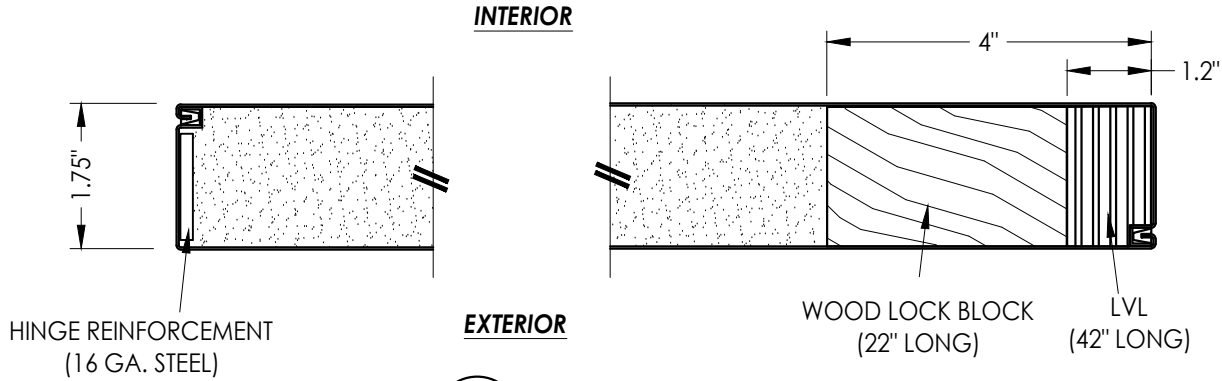
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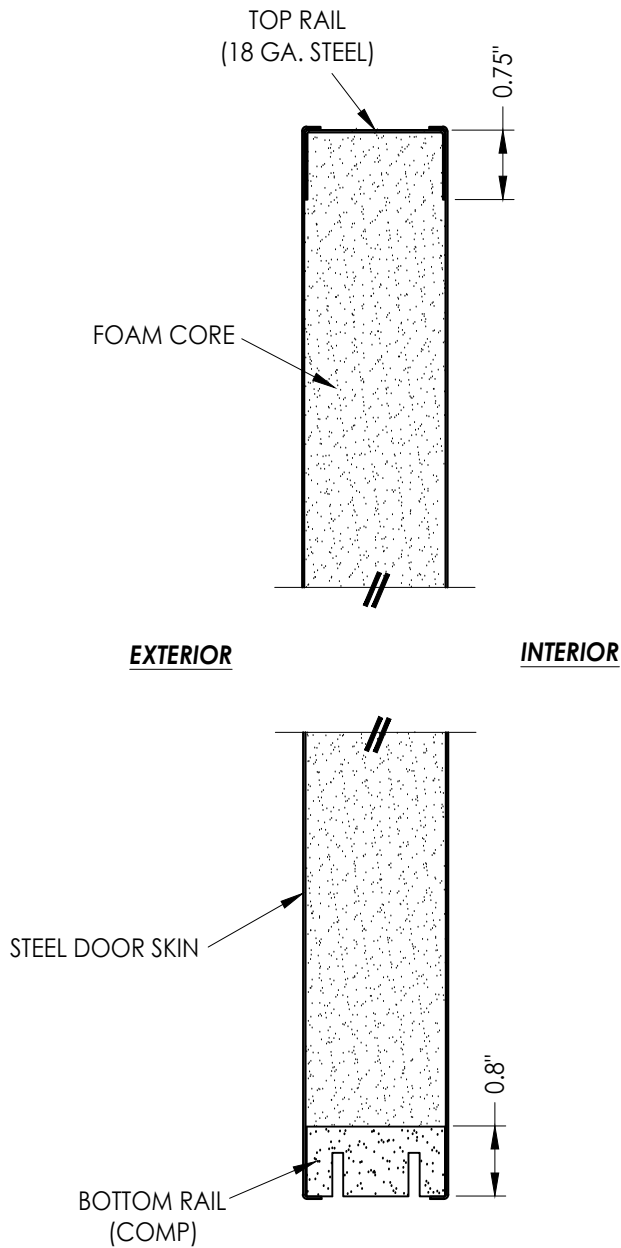


40 STEEL DOOR PANEL
Masonite 8-0"

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



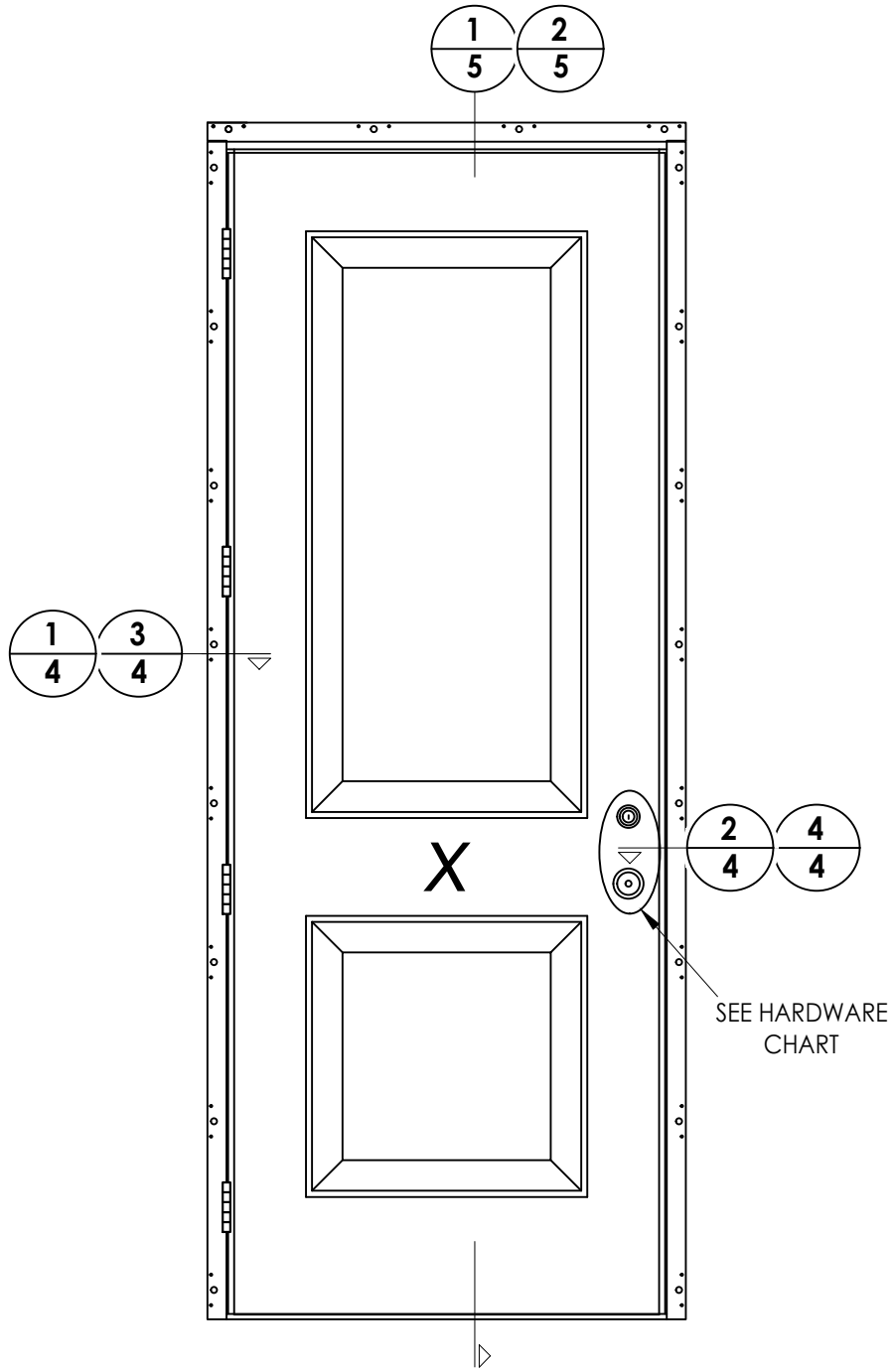
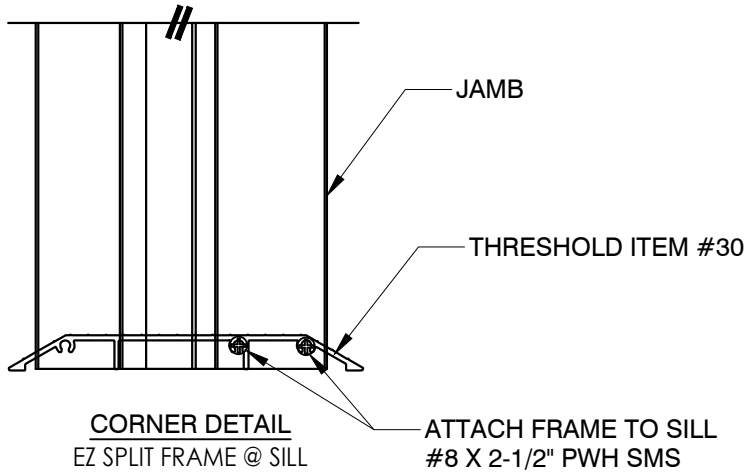
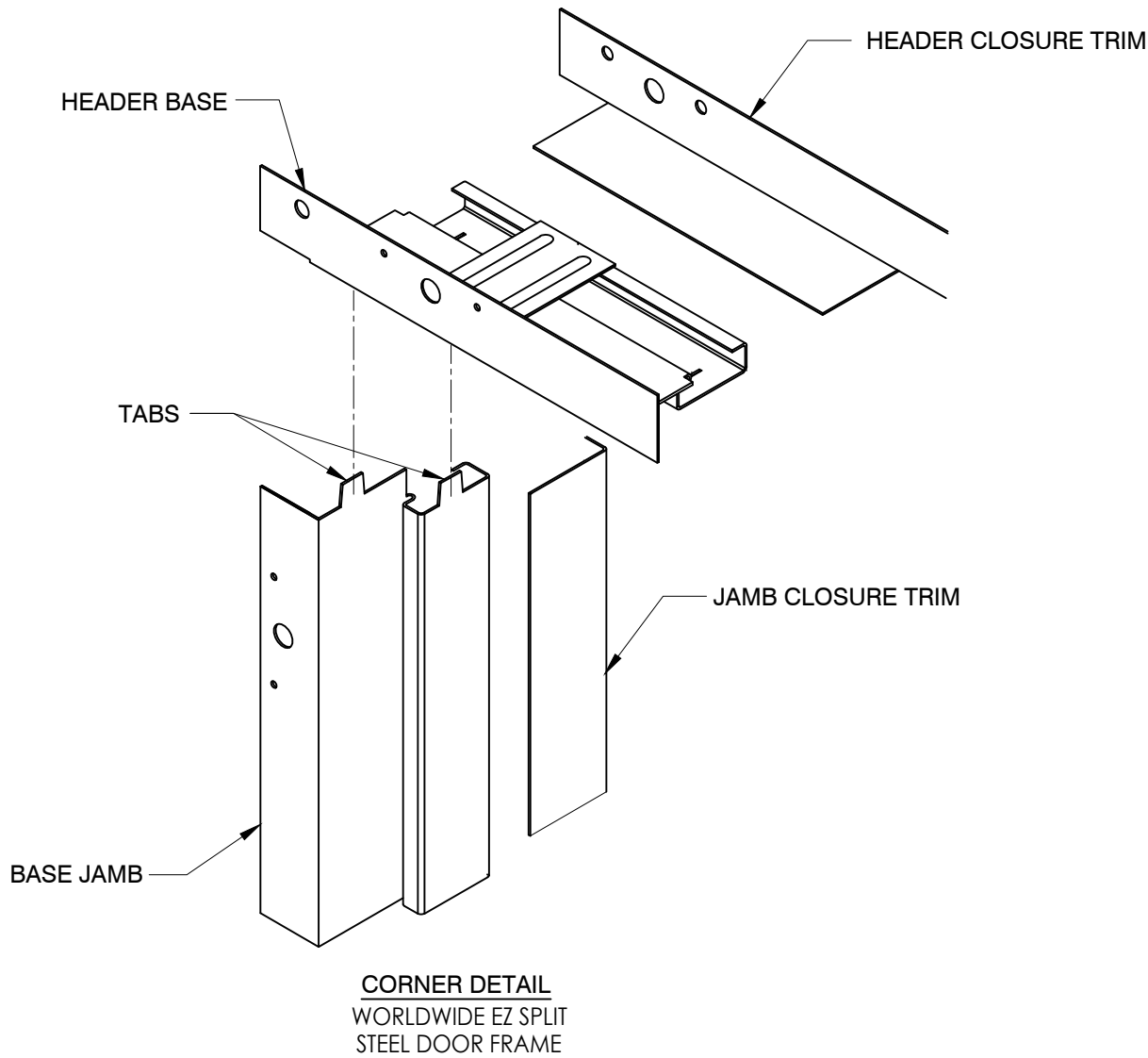
1 2 HORIZONTAL CROSS SECTION



2 2 VERTICAL CROSS SECTION

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PRODUCT: WORLDWIDE STEEL FRAME		PART OR ASSEMBLY: DOOR PANEL DETAILS					
				LFS	FBC	LFS	
				LFS	FBC	LFS	
				NO.	DATE	BY	
				REVISIONS			
				2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
				1	8/08/23	UPDATE TO 8TH ED. (2023)	FBC
DATE: 2/07/23							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-12991.4							
SHEET 2 OF 7							

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

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

PRODUCT:
WORLDWIDE
STEEL FRAME

PART OR ASSEMBLY:
ELEVATION & CORNER DETAIL

DATE: 2/07/23

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-12991.4

SHEET 3 OF 7

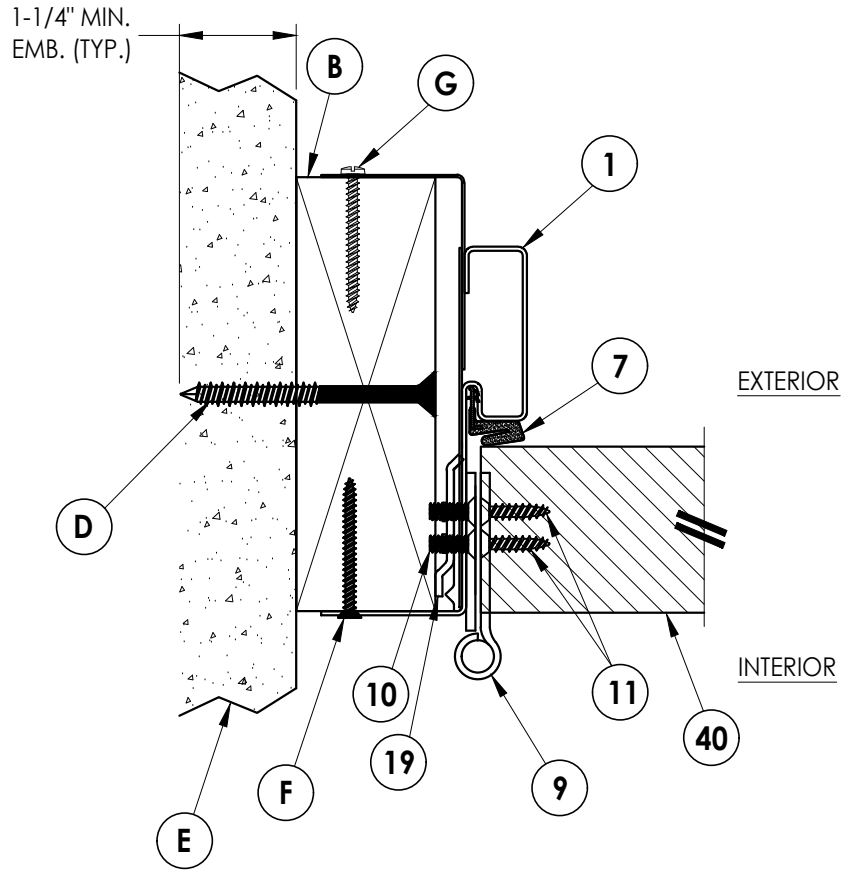
REVISIONS

NO.	DATE	BY
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1	8/08/23	LFS

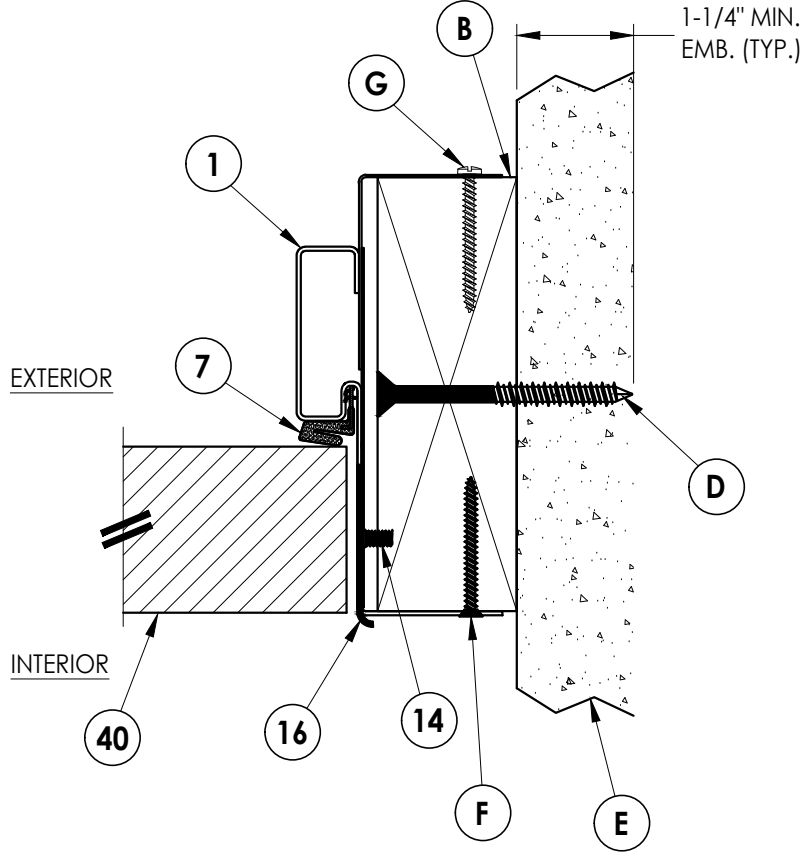
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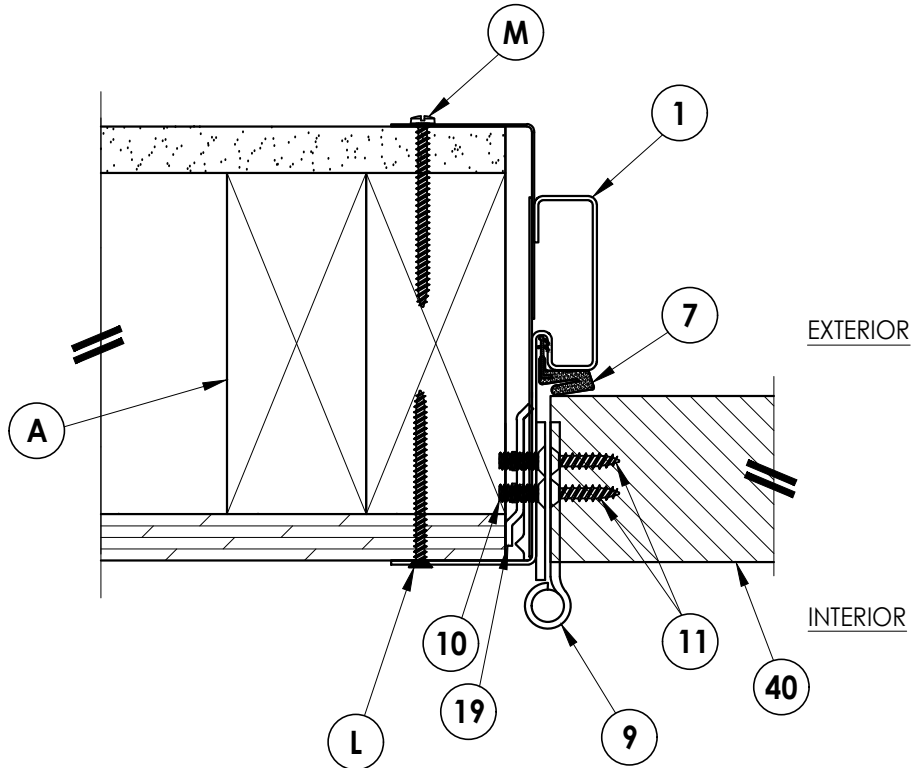
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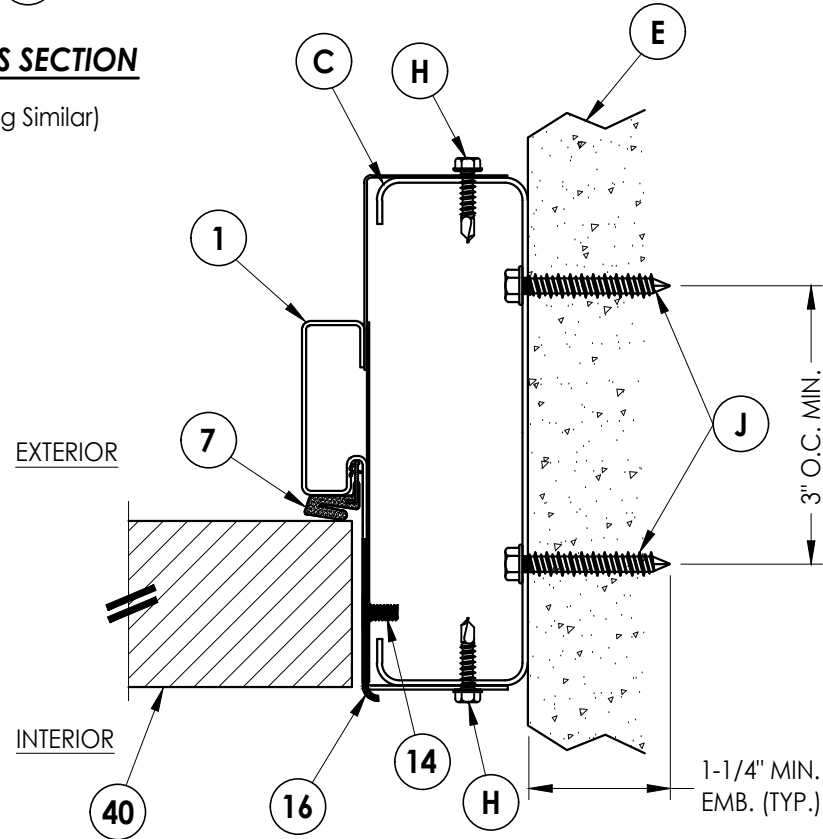
1
4 **HORIZONTAL CROSS SECTION**
2X Buck Construction
Inswing Shown (Outswing Similar)



2
4 **HORIZONTAL CROSS SECTION**
2X Buck Construction
Inswing Shown (Outswing Similar)

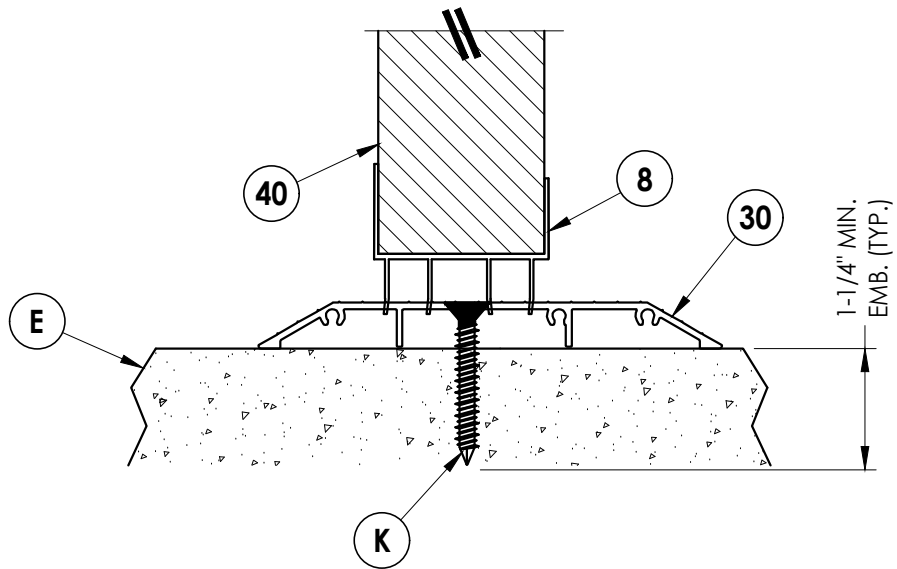


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4 **HORIZONTAL CROSS SECTION**
2X Stud Construction
Inswing Shown (Outswing Similar)

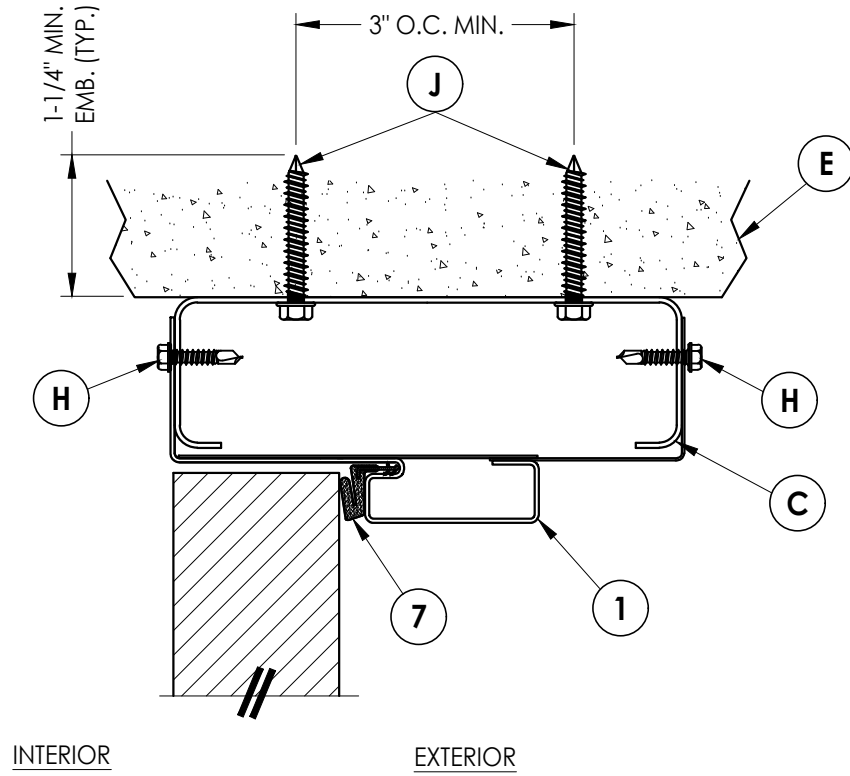
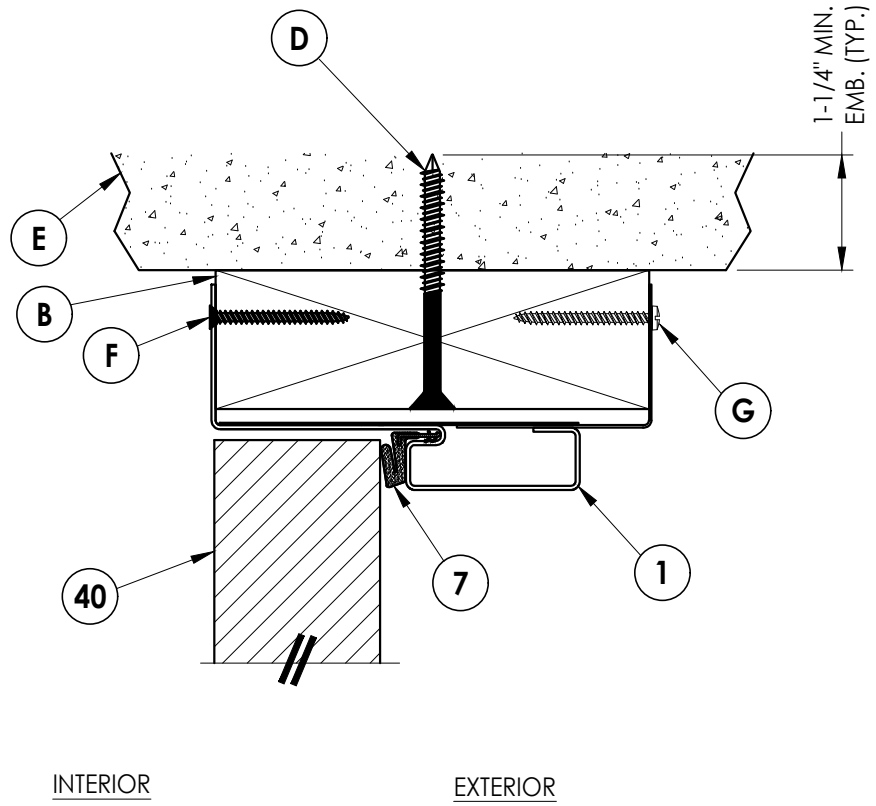


4
4 **HORIZONTAL CROSS SECTION**
Steel Stud Construction
Inswing Shown (Outswing Similar)

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PRODUCT: WORLDWIDE STEEL FRAME				PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS			
				LFS	FBC	LFS	BY
				2	7/01/26	UPDATE TO 9TH ED. (2026)	
				1	8/08/23	UPDATE TO 8TH ED. (2023)	
				NO.	DATE		
				REVISIONS			
DATE: 2/07/23							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-12991.4							
SHEET 4 OF 7							



1 5 VERTICAL CROSS SECTION Inswing Shown (Outswing Similar)

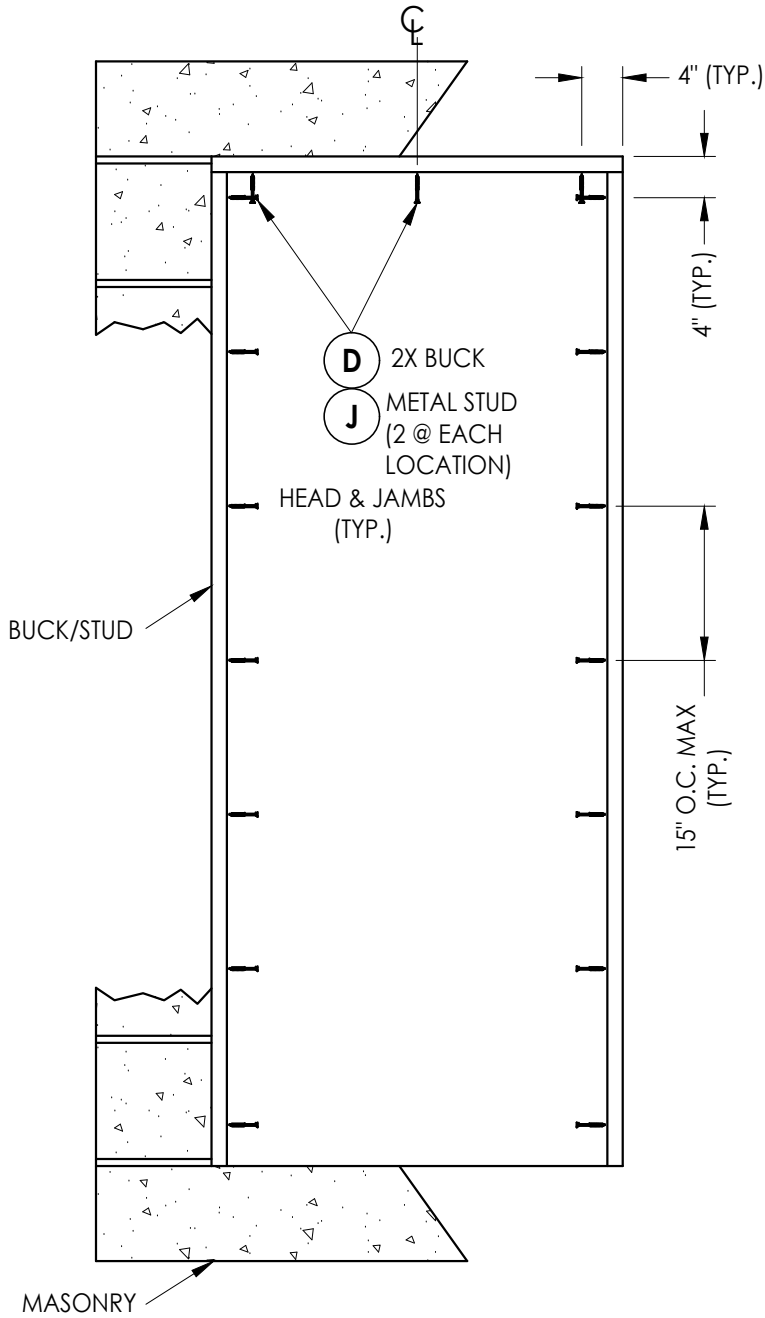


2 **VERTICAL CROSS SECTION**
5 Inswing Shown (Outswing Similar)

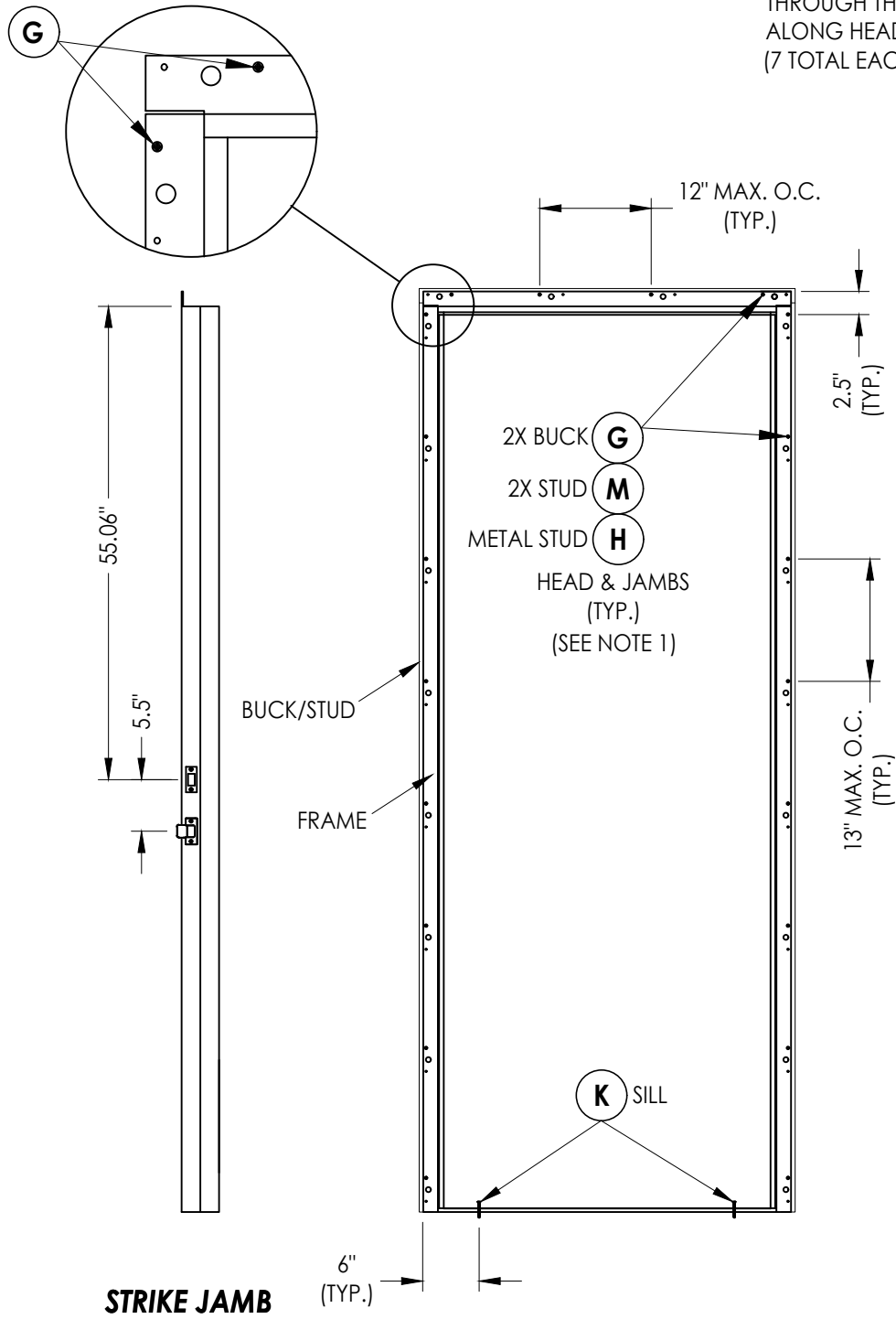
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1	8/08/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS				
NO	DATE				BY				
					REVISIONS				
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DRAWING NO.: FL-12991.4									
SHEET	5	OF	7						

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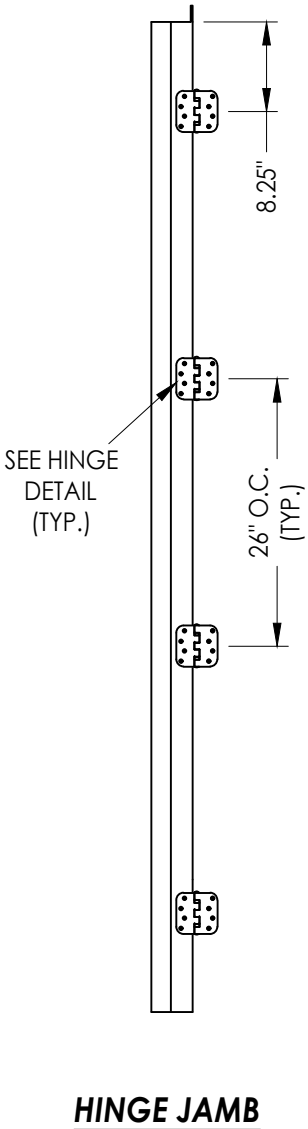
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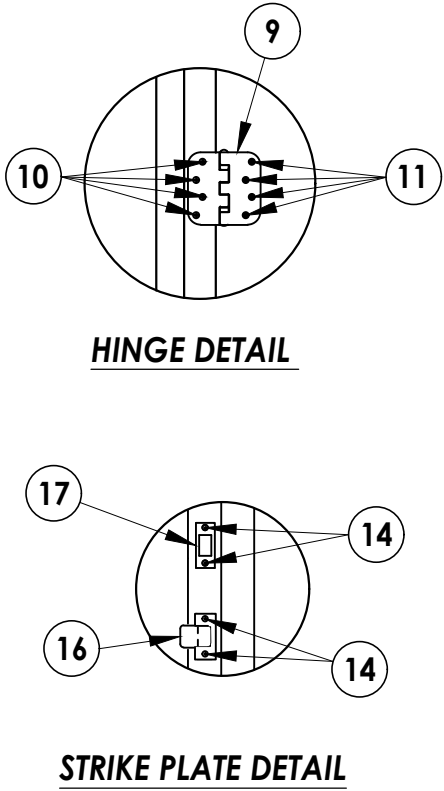
BUCK ANCHORING



FRAME ANCHORING



HINGE JAMB



HINGE DETAIL

STRIKE PLATE DETAIL

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).

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: BUCK & FRAME ANCHORING	
		LFS	BY
		FBC	
2	7/01/26	UPDATE TO 9TH ED. (2026)	
1	8/08/23	UPDATE TO 8TH ED. (2023)	
	NO.	DATE	
REVISIONS			
DATE: 2/07/23			
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DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-12991.4			
SHEET 6 OF 7			

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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.

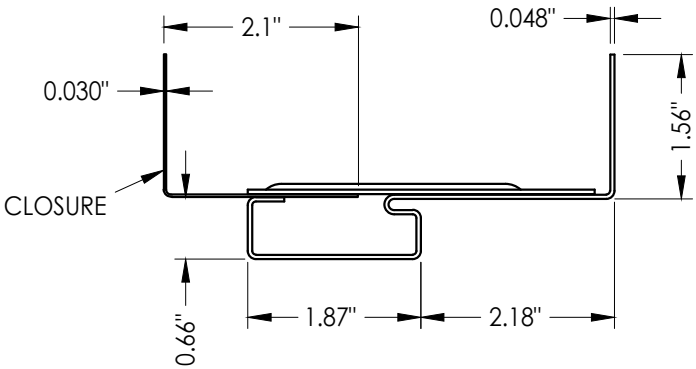
CONCRETE ANCHOR NOTES:

- 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:

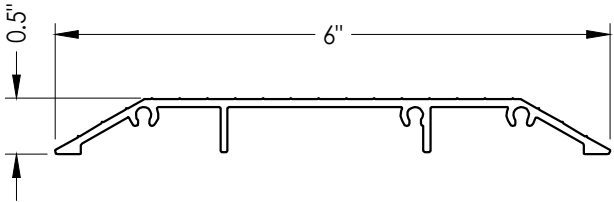
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	3"

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

DATE

NO.

1

2

BY

LFS

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DATE

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CHK. BY: LFS

DRAWING NO.:

FL-12991.4

SHEET 7 OF 7