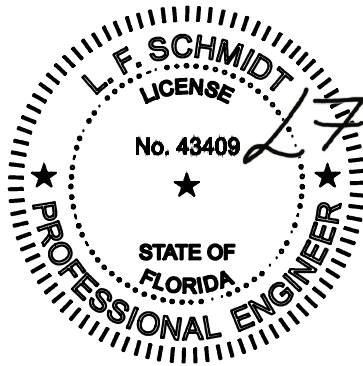




TAYLOR OPAQUE STEEL EDGE DOOR
Utilizing a
HOLLOW METAL FRAME
INSWING/OUTSWING
"IMPACT"



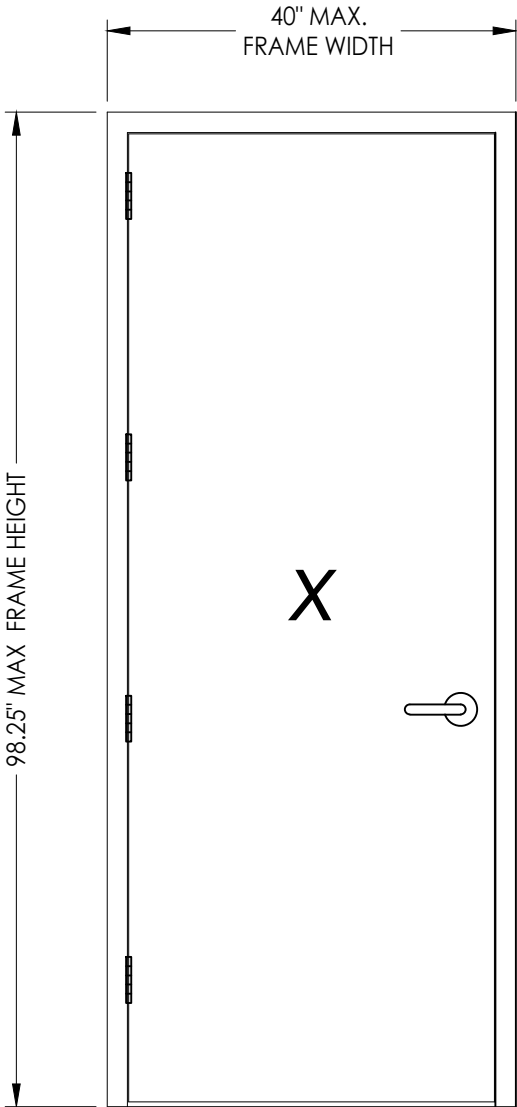
Digitally signed by
Lyndon F Schmidt
Date: 2026.07.22
08:42:21 -04'00'

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 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.
- 5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- 6. This product does not meet the water infiltration requirements for the "HVHZ" and shall 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.
- 7. When used in the "HVHZ", steel must be protected as specified in FBC Section 2222.6



MAX. OVERALL DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
40.0" X 98.25"	+50.0	-55.0	+50.0	-50.0

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures, & general notes
2	Door panel details
3	Elevations & vertical cross sections
4	Horizontal cross sections
5	Horizontal cross sections
6	Frame anchoring
7	Bill of materials & components

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

TAYLOR ENTRANCE SYSTEMS

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

DATE: 12/09/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-14513.9

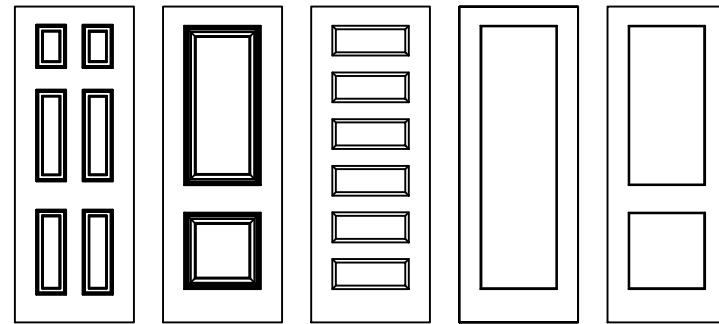
SHEET 1 OF 7

REVISIONS

1	7/03/26	UPDATE TO 9TH ED. (2026) FBC	LFS	BY
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RW

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Phone No.: 813.659.9197
FBPE Registry No. 9813



Products approved include all embossed and recessed panel doors.
Panels shown are for illustration and are representative only.

HARDWARE CHART	
MANUFACTURER	MODEL
PAMEX	CYLINDRICAL LEVER LOCK: FYT SERIES

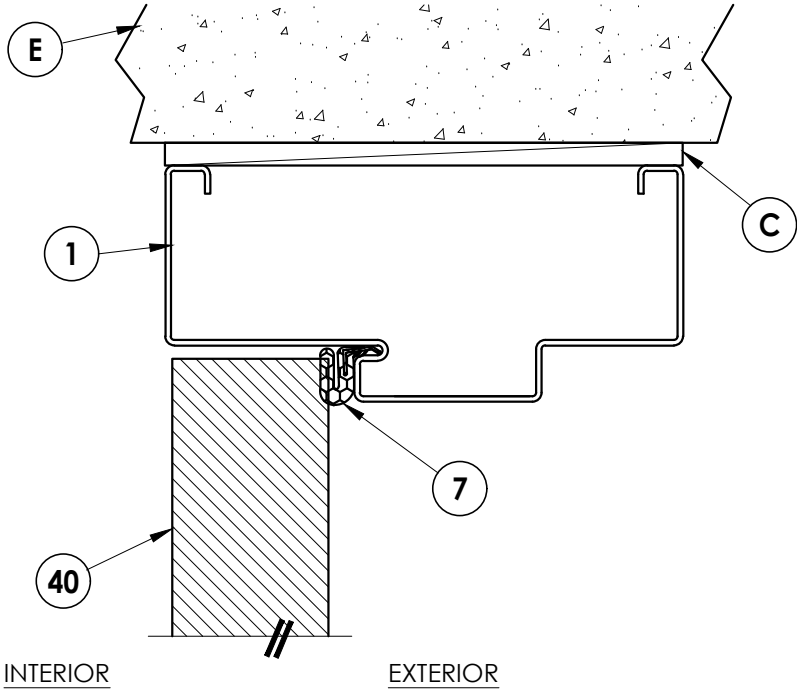
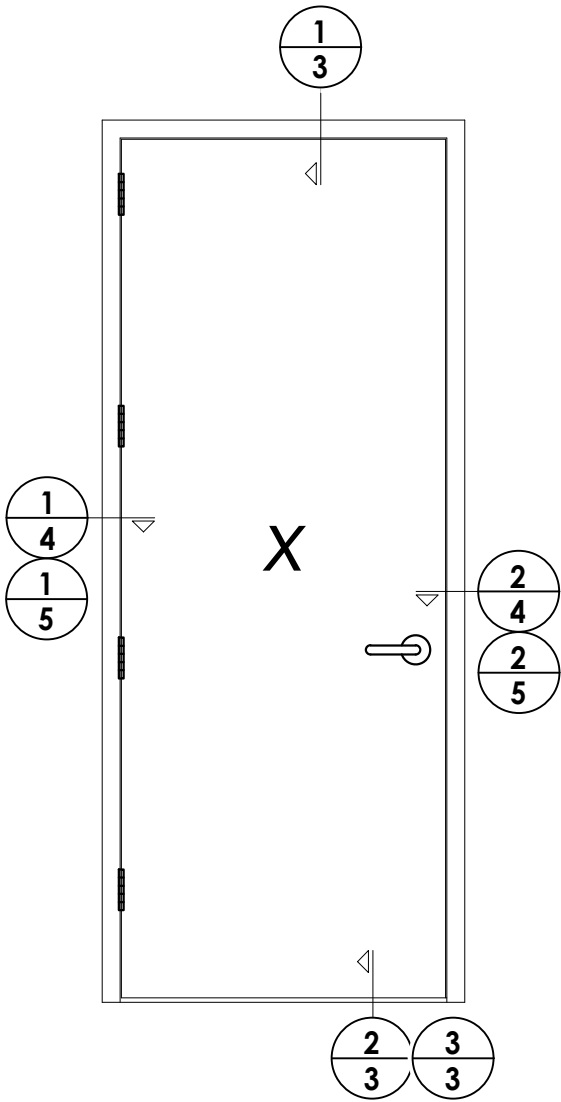
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<u>PRODUCT:</u> TAYLOR ENTRANCE SYSTEMS	<u>PART OR ASSEMBLY:</u> DOOR PANEL DETAILS
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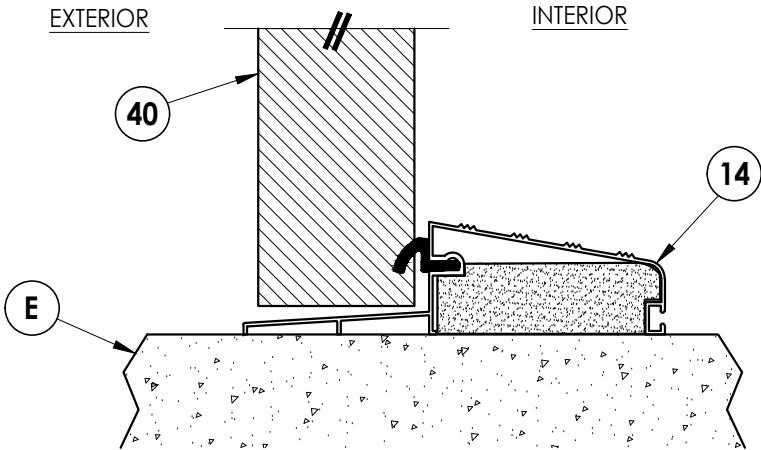
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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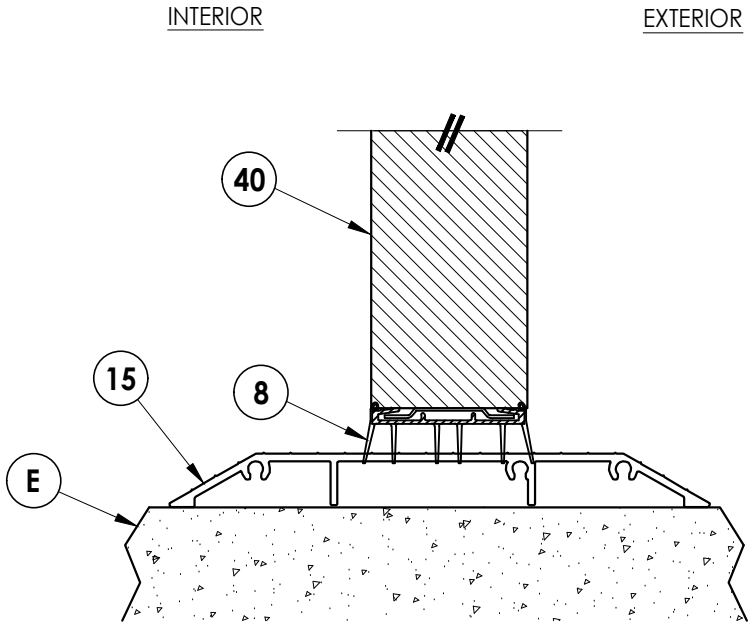
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**1
3** **VERTICAL CROSS SECTION**
Inswing Shown (Outswing Similar)



**2
3** **VERTICAL CROSS SECTION**
Outswing Shown



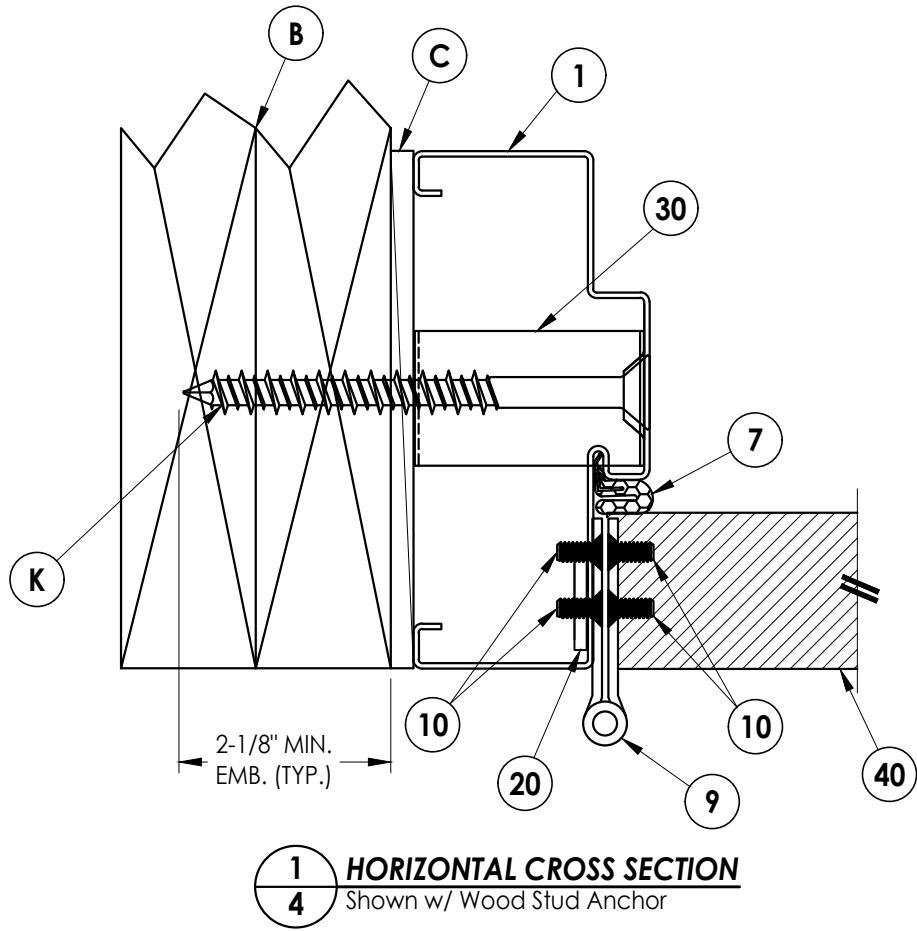
**3
3** **VERTICAL CROSS SECTION**
Inswing Shown

DATE: 12/09/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-14513.9
SHEET 3 OF 7

PRODUCT:
TAYLOR ENTRANCE SYSTEMS
PART OR ASSEMBLY:
ELEVATION & VERTICAL
CROSS SECTIONS

Documents Prepared By:
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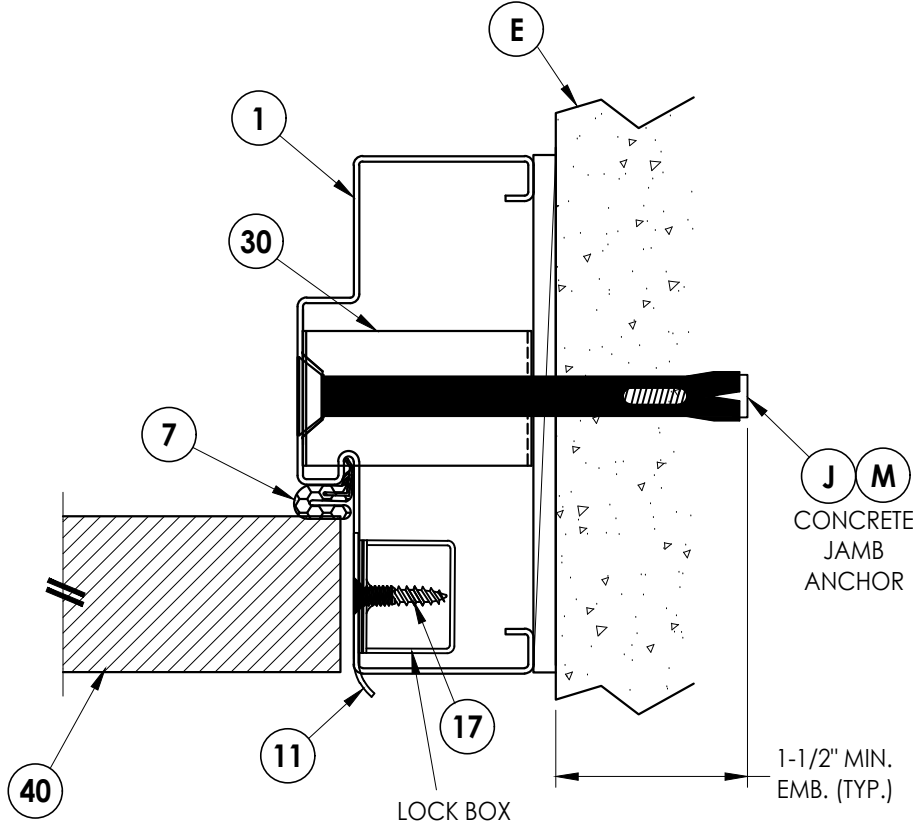
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1
4 **HORIZONTAL CROSS SECTION**
Shown w/ Wood Stud Anchor

EXTERIOR

INTERIOR



2
4 **HORIZONTAL CROSS SECTION**
Shown w/ Concrete Jamb Anchor

DATE: 12/09/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-14513.9

SHEET 4 OF 7

PRODUCT:

TAYLOR ENTRANCE SYSTEMS

PART OR ASSEMBLY:

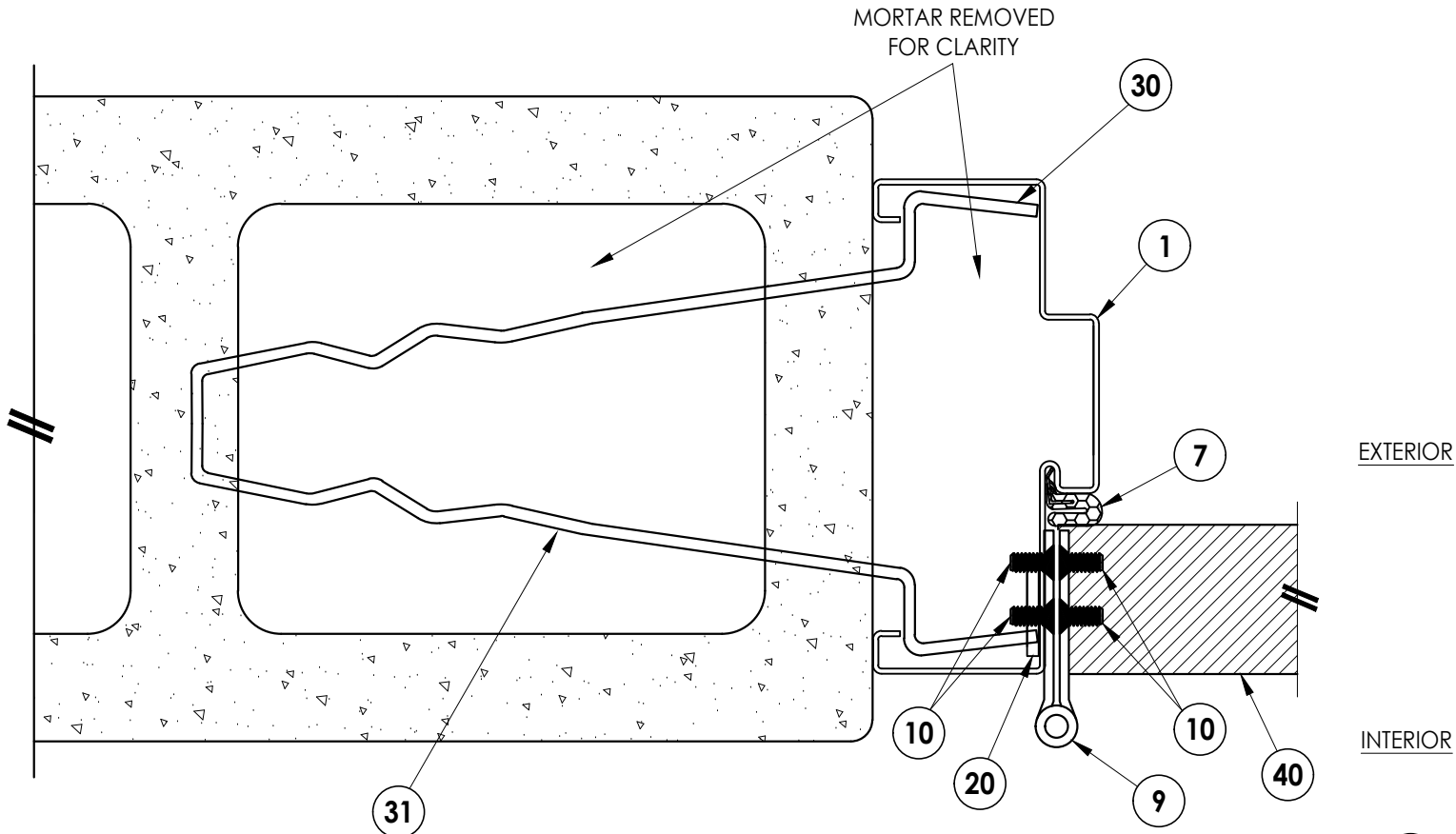
HORIZONTAL
CROSS SECTIONS

Documents Prepared By:

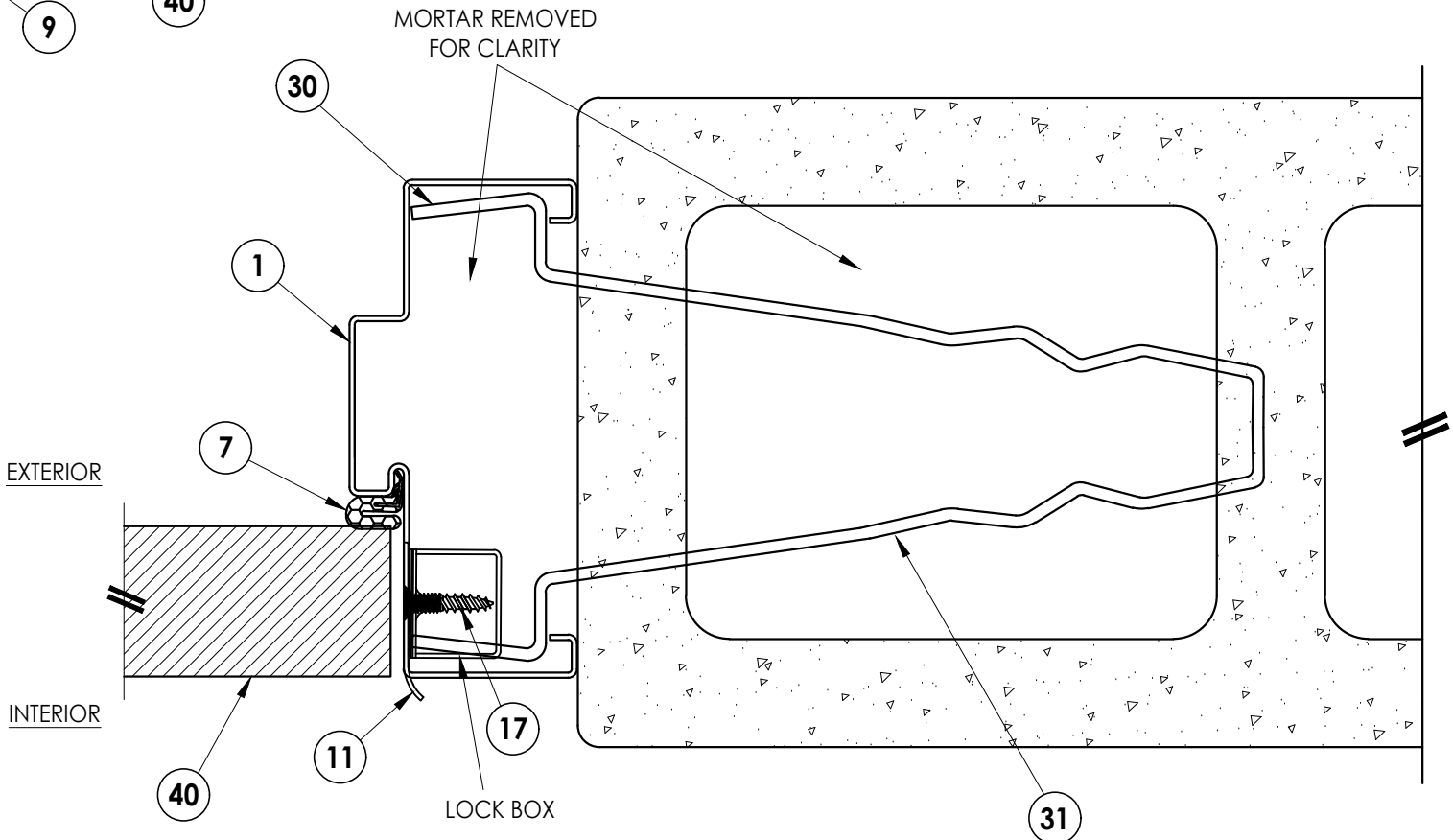
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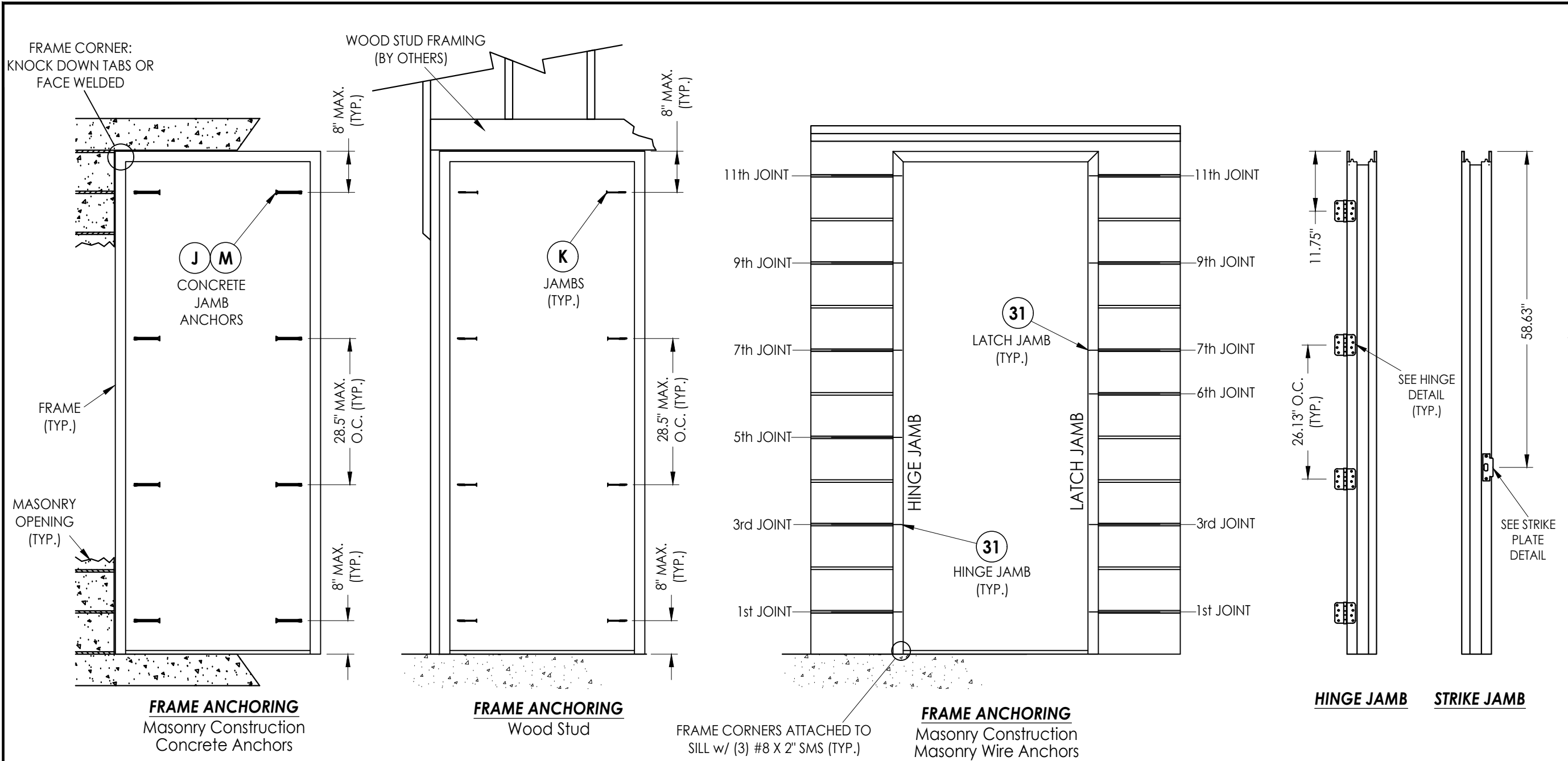
1
5 HORIZONTAL CROSS SECTION



2
5 HORIZONTAL CROSS SECTION

PRODUCT:				TAYLOR ENTRANCE SYSTEMS				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			
PART OR ASSEMBLY:				HORIZONTAL CROSS SECTIONS				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
REVISIONS				NO.	DATE	BY					
1	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS							
DATE: 12/09/25											
SCALE: N.T.S.											
DWG. BY: LFS											
CHK. BY: RW											
DRAWING NO.: FL-14513.9											
SHEET 5 OF 7											

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CONCRETE ANCHOR NOTES:

- Concrete screw locations at the corners may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON® (ITW BUILDEX)	3"	1-1/2"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"

Documents Prepared By:
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P.E. No. 43409

TAYLOR ENTRANCE SYSTEMS

PART OR ASSEMBLY:
FRAME ANCHORING

REVISIONS

NO.	DATE	DESCRIPTION
1	7/03/26	UPDATE TO 9TH ED. (2026) FBC

DATE: 12/09/25

SCALE: N.T.S.

DWG. BY: LFS

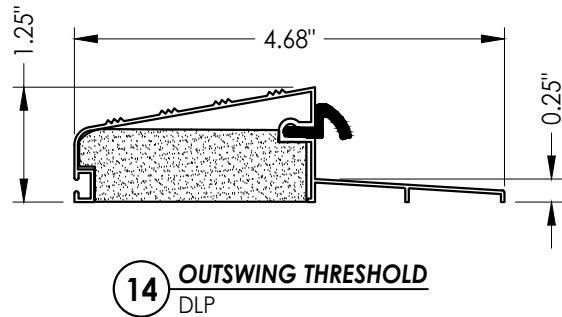
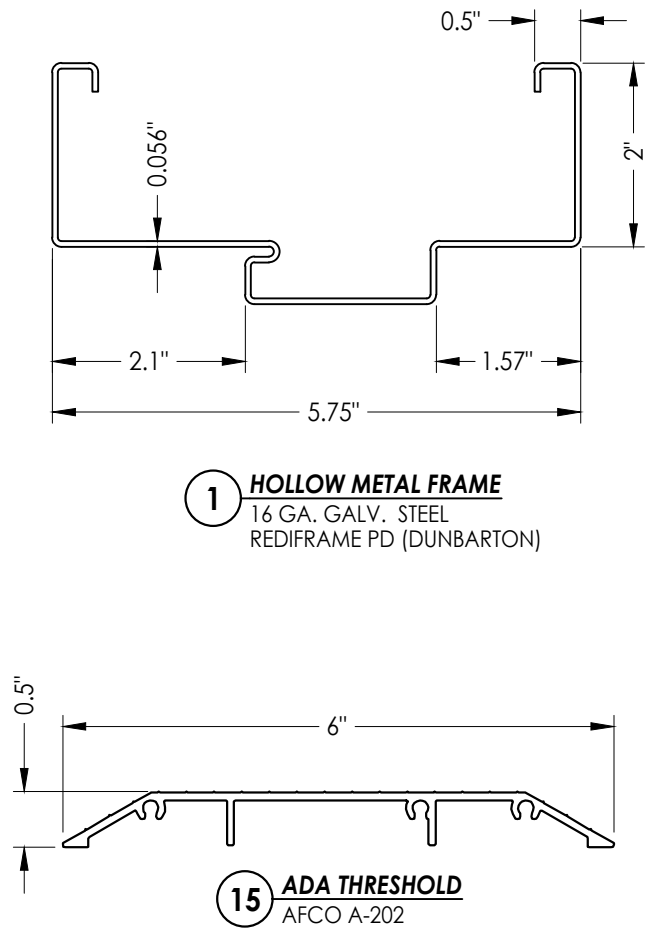
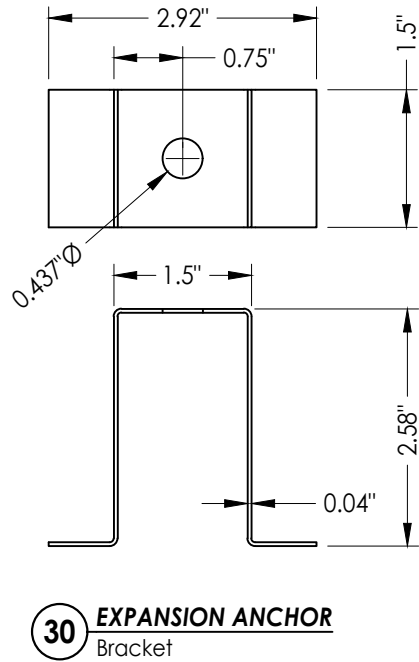
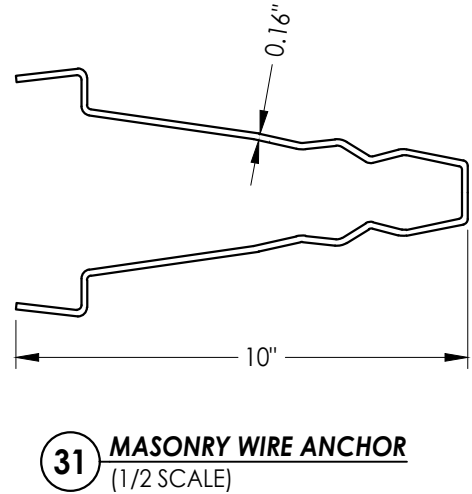
CHK. BY: RW

DRAWING NO.: FL-14513.9

SHEET 6 OF 7

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X STUD FRAMING (G>= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90	CONCRETE
J	3/8" X 5" PFH DYNABOLT SLEEVE ANCHOR (SEE CONCRETE ANCHOR TABLE)	STEEL
K	3/8" X 5" FH LAG SCREW (2-1/8" MIN. EMBEDMENT)	STEEL
M	3/8" X 5" LDT TAPCON CONCRETE SCREW (SEE CONCRETE ANCHOR TABLE)	STEEL
1	HOLLOW METAL FRAME	STEEL
7	WEATHERSTRIP	-
8	DOOR SWEEP	-
9	HINGE 4" X 4"	STEEL
10	#10-24 X 1/2" FH MACHINE SCREW	STEEL
11	LATCH STRIKE PLATE	STEEL
12	DEADBOLT STRIKE PLATE	STEEL
14	OUTSWING THRESHOLD	ALUM/COMP
15	ADA THRESHOLD	ALUM
16	#8 X 3/4" FH SCREWS	STEEL
17	#12-24 X 3/4" PFH COMBINATION MACHINE/WOOD SCREW	STEEL
20	HINGE REINFORCEMENT (12 GA.)	STEEL
30	EXPANSION ANCHOR BRACKET (18 GA)	STEEL
31	MASONRY WIRE ANCHOR	STEEL
40	8' STEEL DOOR - SEE DOOR PANEL DETAILS	STEEL

[illegible]

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

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