

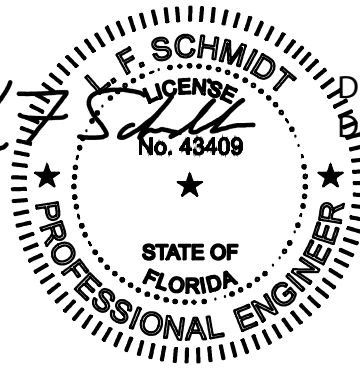
TAYLOR OPAQUE STEEL EDGE DOOR

Utilizing a

HOLLOW METAL FRAME

INSWING/OUTSWING

"IMPACT"



Digitally signed by Lyndon F Schmidt

Date: 2025.12.22 11:14:58 -05'00'

This item has been digitally signed and sealed by

L. F. Schmidt, P.E. on the date adjacent to the seal.

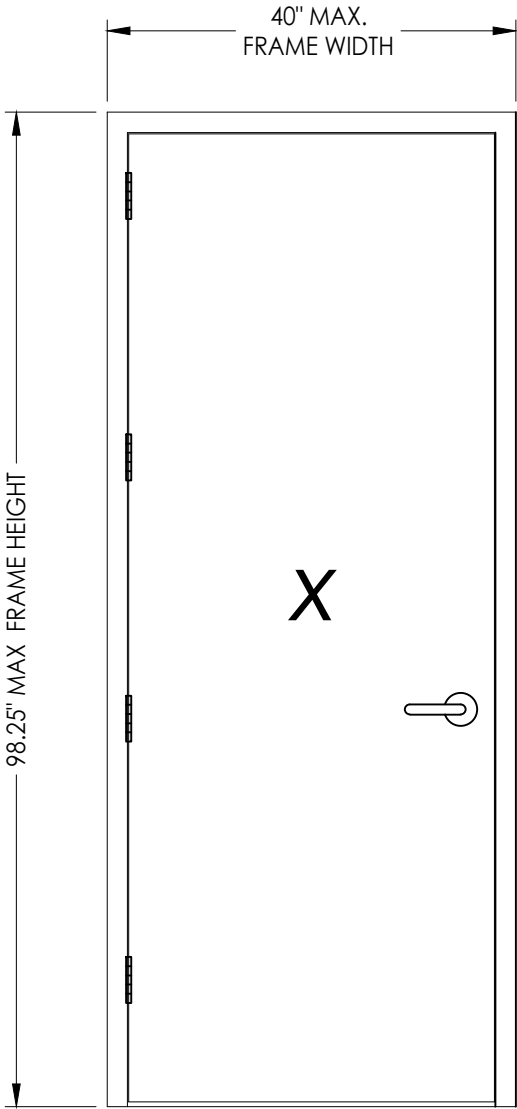
Printed copies of this document are not

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



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

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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

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

PRODUCT:
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

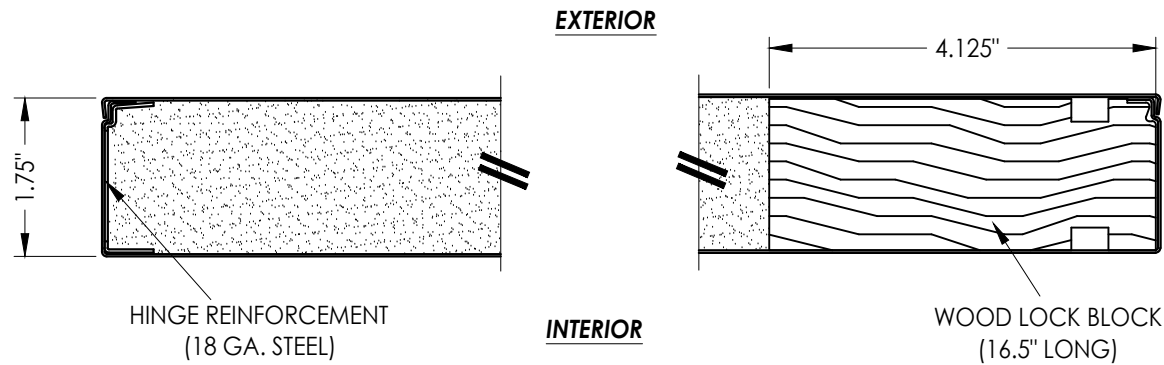
SHEET 1 OF 7

REVISIONS

NO.	DATE	BY

RW

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



1 HORIZONTAL CROSS SECTION

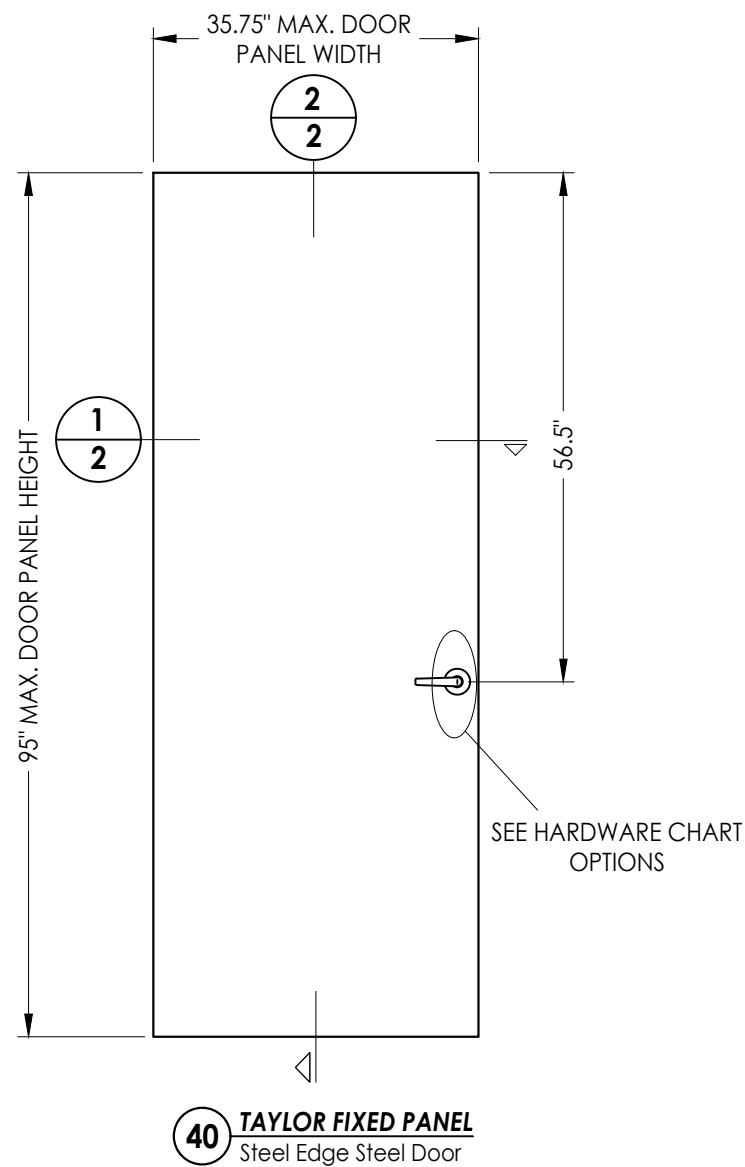
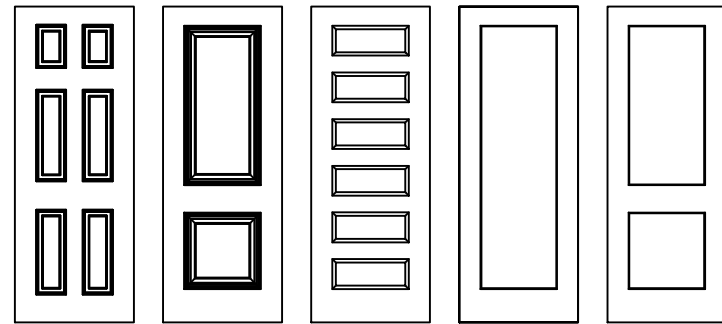


Diagram illustrating the vertical cross section of a door assembly, showing the internal structure and components:

- FOAM CORE:** The central insulating layer of the door.
- STEEL DOOR SKIN:** The outer layer of the door.
- STEEL DOOR SWEEP RETAINER:** The component at the bottom of the door that supports the sweep.

The diagram is labeled **VERTICAL CROSS SECTION** at the bottom.

DOOR SKIN: MIN. 0.020" THK. STEEL (Fy = 33,000 PSI MIN.)
CORE MATERIAL: POLYURETHANE FOAM



Taylor Opaque Door Panel Options

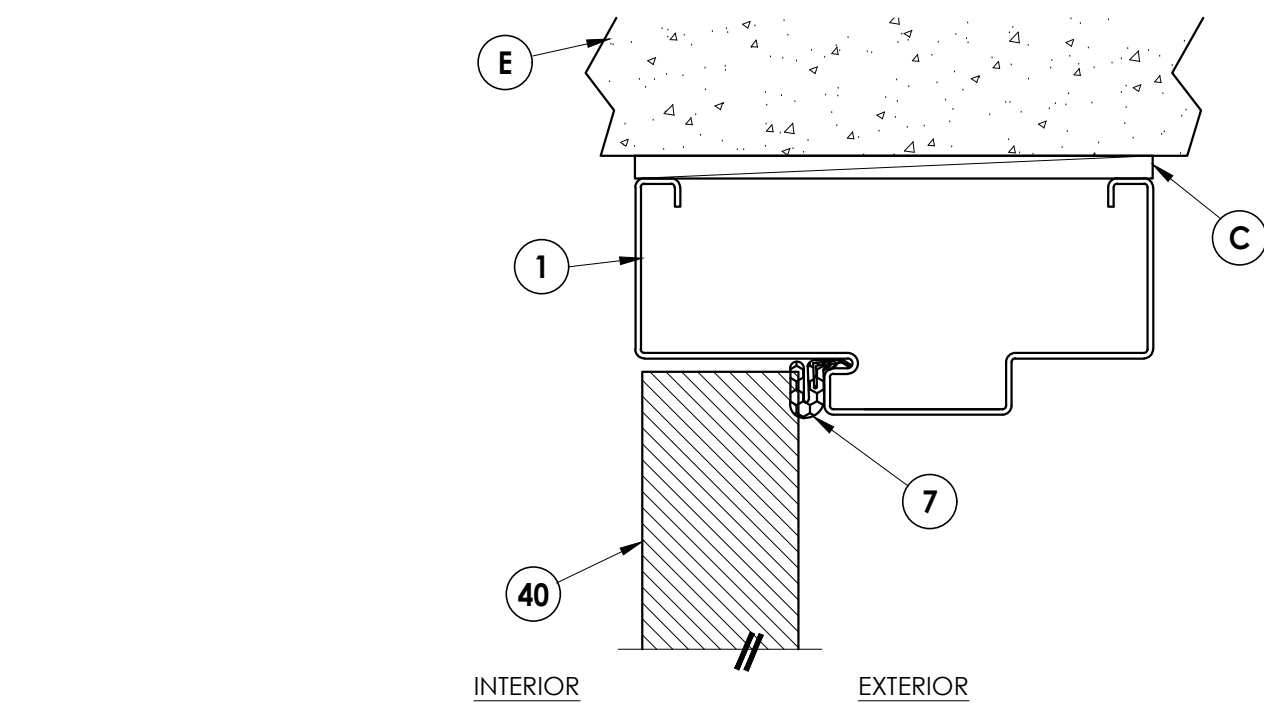
Products approved include all embossed and recessed panel doors.
Panels shown are for illustration and are representative only.

HARDWARE CHART	
MANUFACTURER	MODEL
PAMEX	CYLINDRICAL LEVER LOCK: FYT SERIES

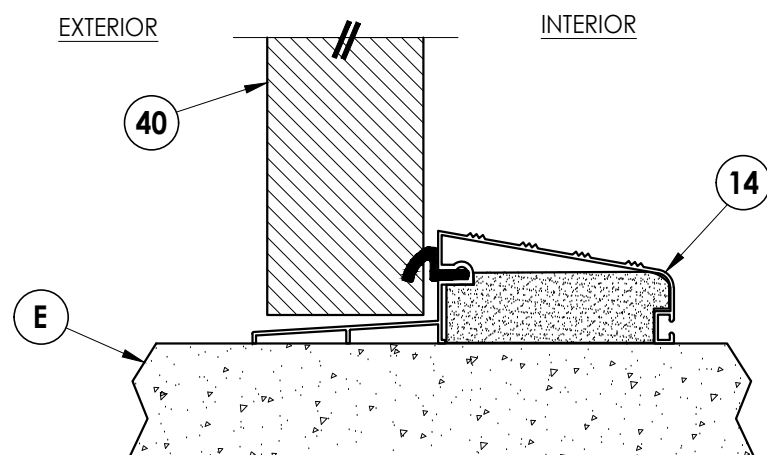
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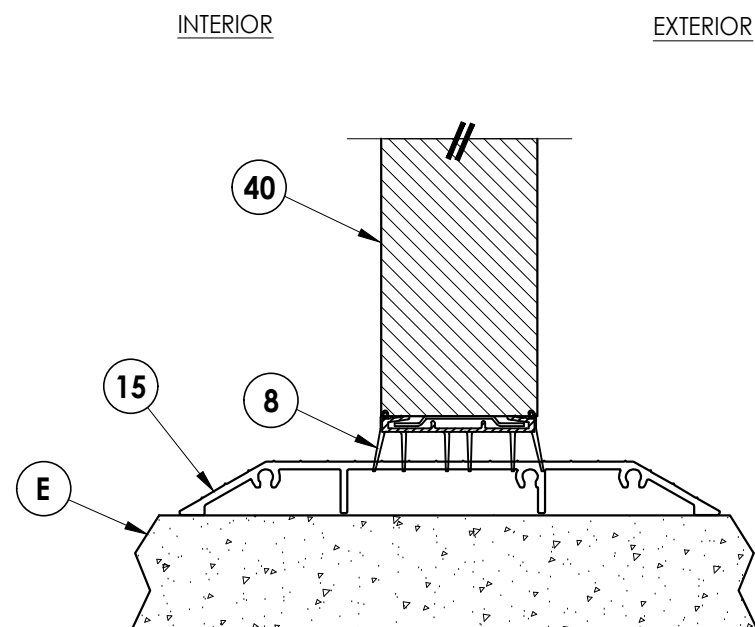
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



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



2 VERTICAL CROSS SECTION
3 Outswing Shown



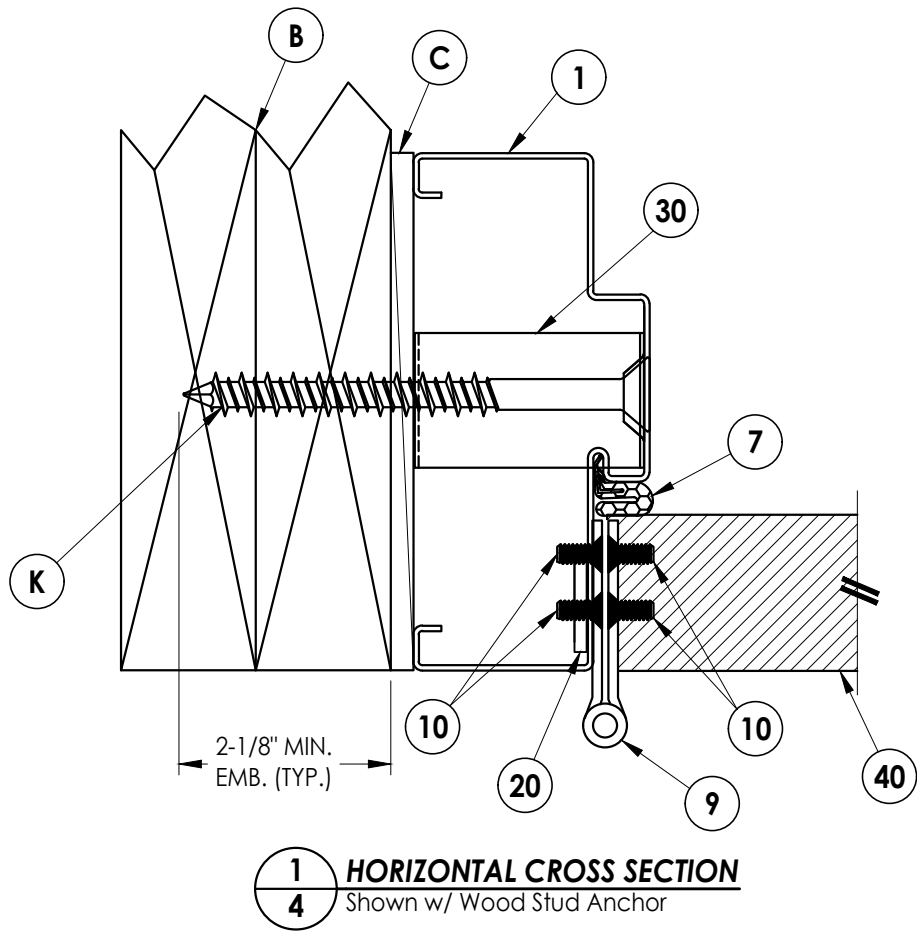
3 VERTICAL CROSS SECTION
3 Inswing Shown

[illegible]

SHEET 3 OF 7

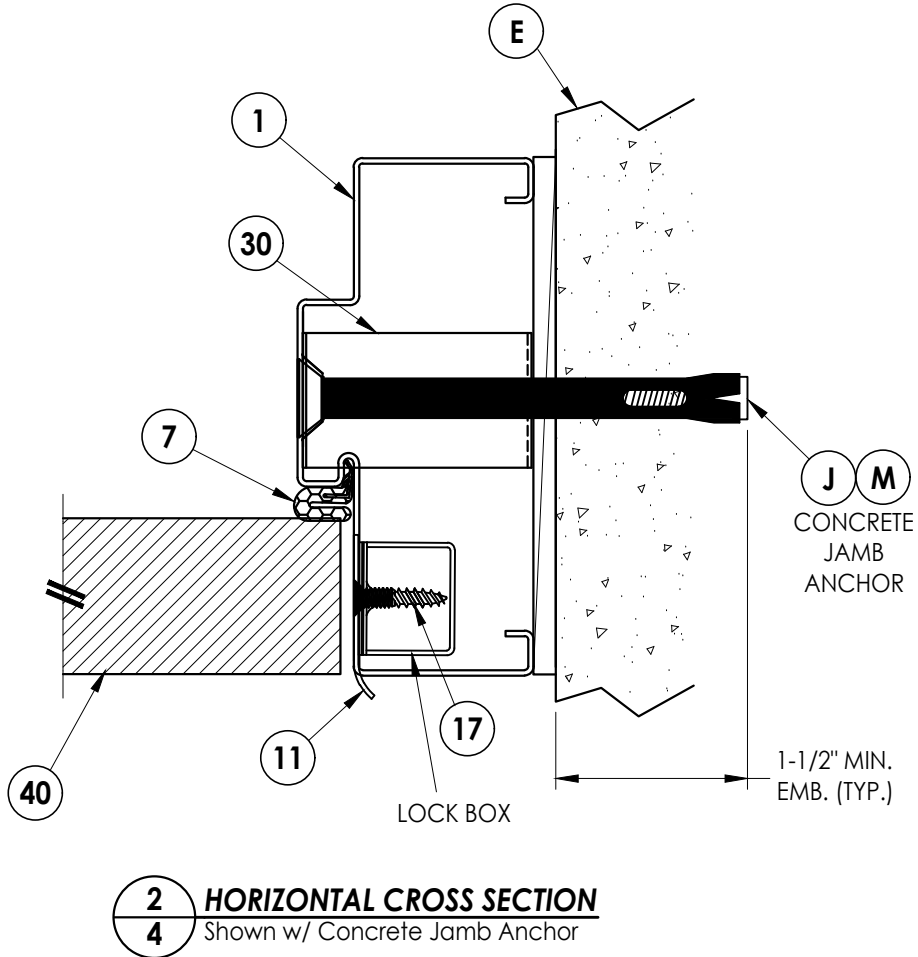
R^qW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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EXTERIOR

INTERIOR



DATE: 12/09/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-14513.9
SHEET 4 OF 7

REVISIONS	
NO.	DATE

PRODUCT:	TAYLOR ENTRANCE SYSTEMS
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

Documents Prepared By:
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FBPE Registry No. 9813

9

40

MORTAR REMOVED FOR CLARITY

30

1

7

EXTERIOR

INTERIOR

40

11

17

LOCK BOX

31

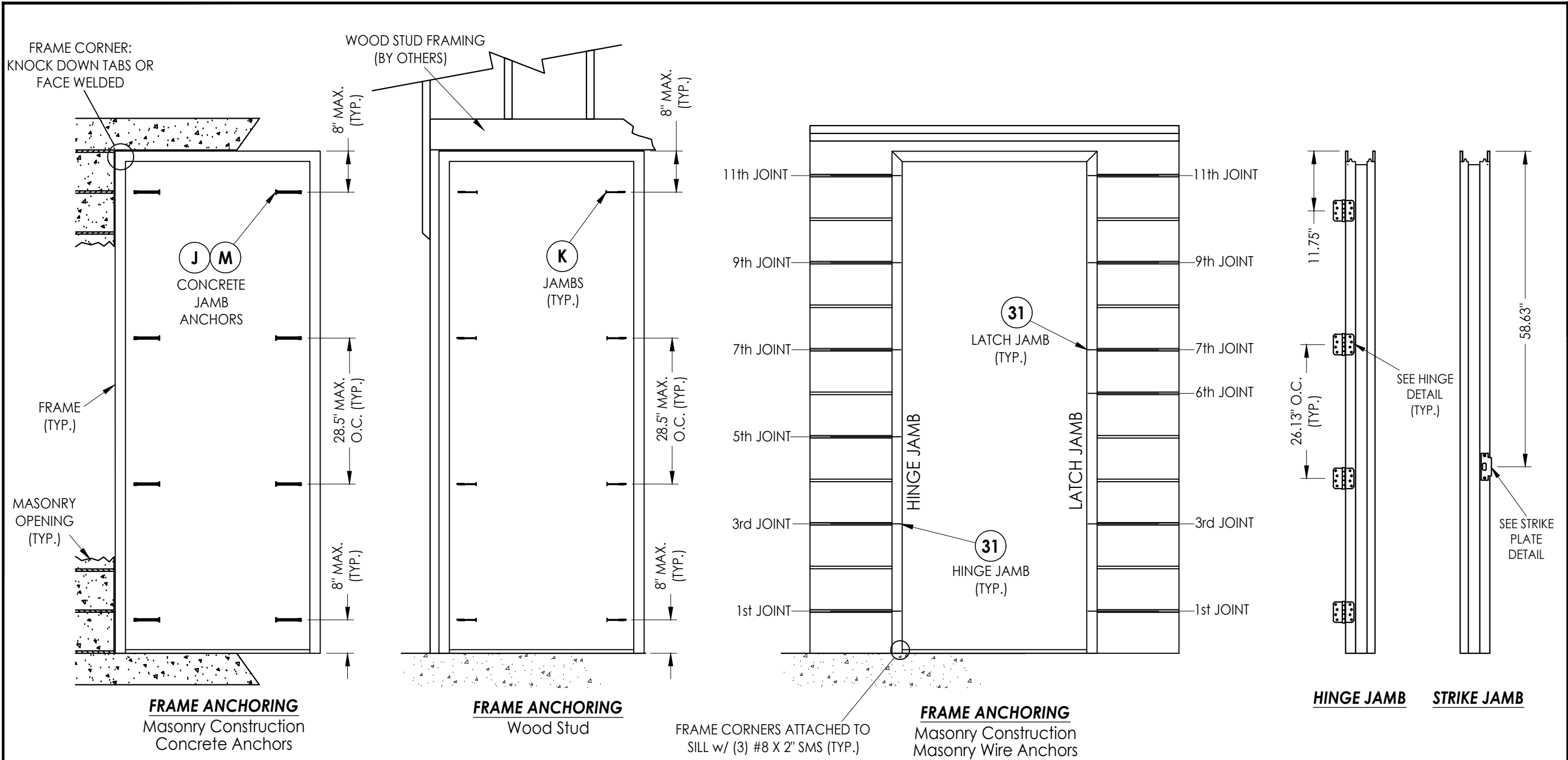
2 **HORIZONTAL CROSS SECTION**
5

[illegible]

Documents Prepared By:
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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: 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: TAYLOR ENTRANCE SYSTEMS		PART OR ASSEMBLY: FRAME ANCHORING	
NO.		DATE	
BY		REVISIONS	
DATE: 12/09/25			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-14513.9			
SHEET 6 OF 7			

