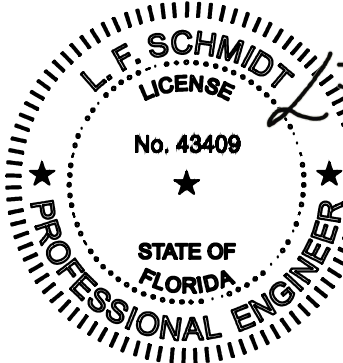




TAYLOR OPAQUE STEEL EDGE DOOR
Utilizing an
ADJUSTABLE STEEL DOOR FRAME
INSWING / OUTSWING
"IMPACT"



Digitally signed by
Lyndon F Schmidt
Date: 2026.07.22
08:42:34 -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.
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 E1996.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. Configurations utilizing the high-dam outswing bump threshold (item #32) meet water infiltration requirements for the "HVHZ".
6. Configurations utilizing inswing threshold (item #30) and the ADA threshold (item #31), do not meet the water infiltration requirements for the "HVHZ". These units 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.
8. When used in the "HVHZ", steel must be protected as specified in FBC Section 2222.6.

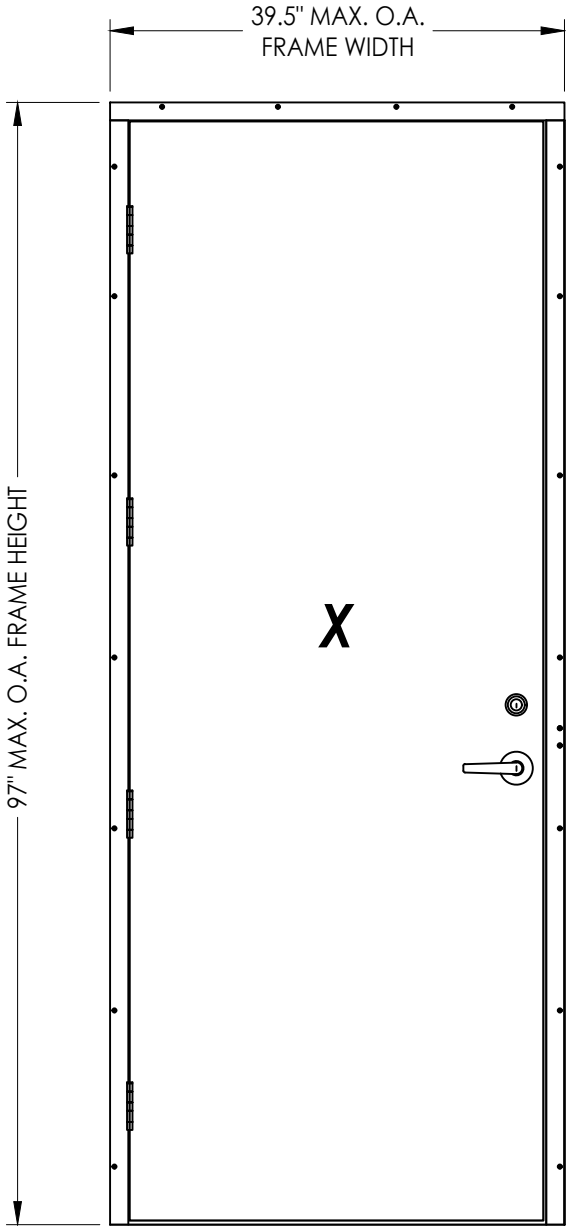


TABLE OF CONTENTS	
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1	Typical elevations, design pressures, & general notes
2	Door panel details
3	Elevation & horizontal cross sections
4	Vertical cross sections
5	Buck & frame anchoring
6	Bill of materials & components

MAX. OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
39.5" X 97.0"	+70.0	-75.0	+70.0	-70.0

SEE SHEET 2 FOR HARDWARE DESIGN PRESSURE LIMITATIONS

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

PRODUCT:
TAYLOR ENTRANCE SYSTEMS
STEEL DOOR

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

DATE: 12/08/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-14513.8

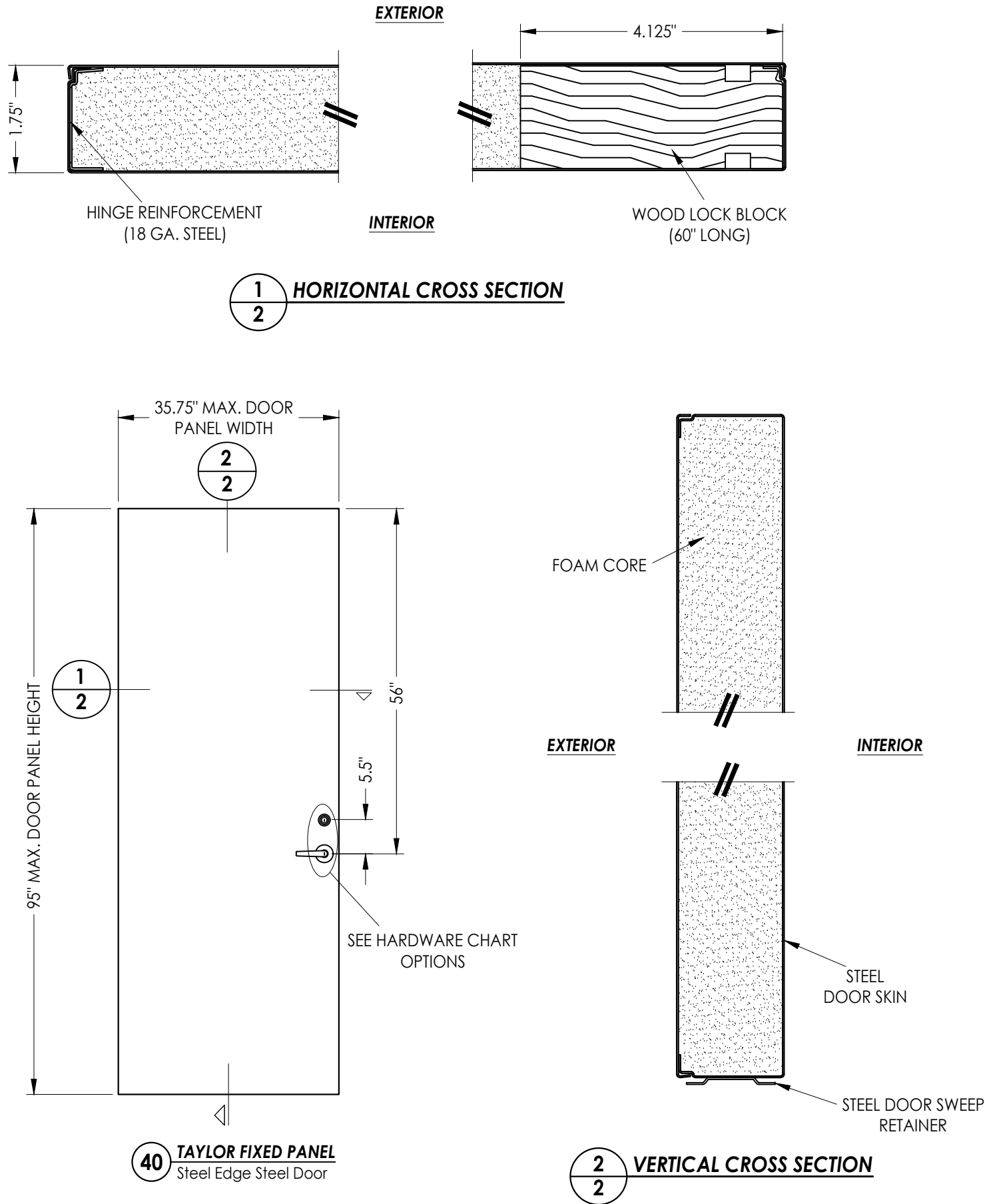
SHEET 1 OF 6

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

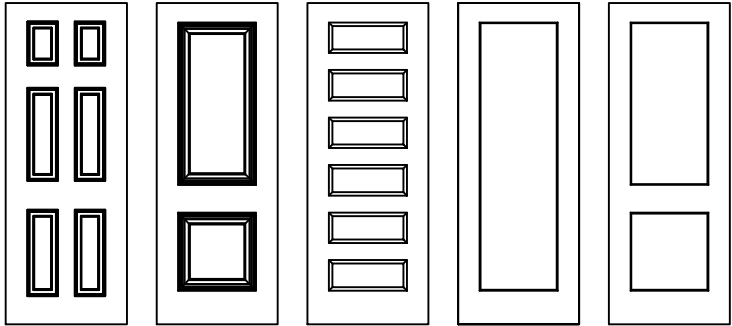
REVISIONS

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

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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	MAX. DESIGN PRESSURE
PAMEX	LEVER: FYT SERIES DEADBOLT: FDP SERIES	75 PSF
PAMEX	INTERCONNECTED LOCK LEVER & DEADBOLT: FI35 SERIES	75 PSF
SCHLAGE	LEVER: F SERIES DEADBOLT: B60/62	50 PSF (OUTSWING ONLY)

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

PRODUCT:
TAYLOR ENTRANCE SYSTEMS
STEEL DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

DATE: 12/08/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-14513.8

SHEET 2 OF 6

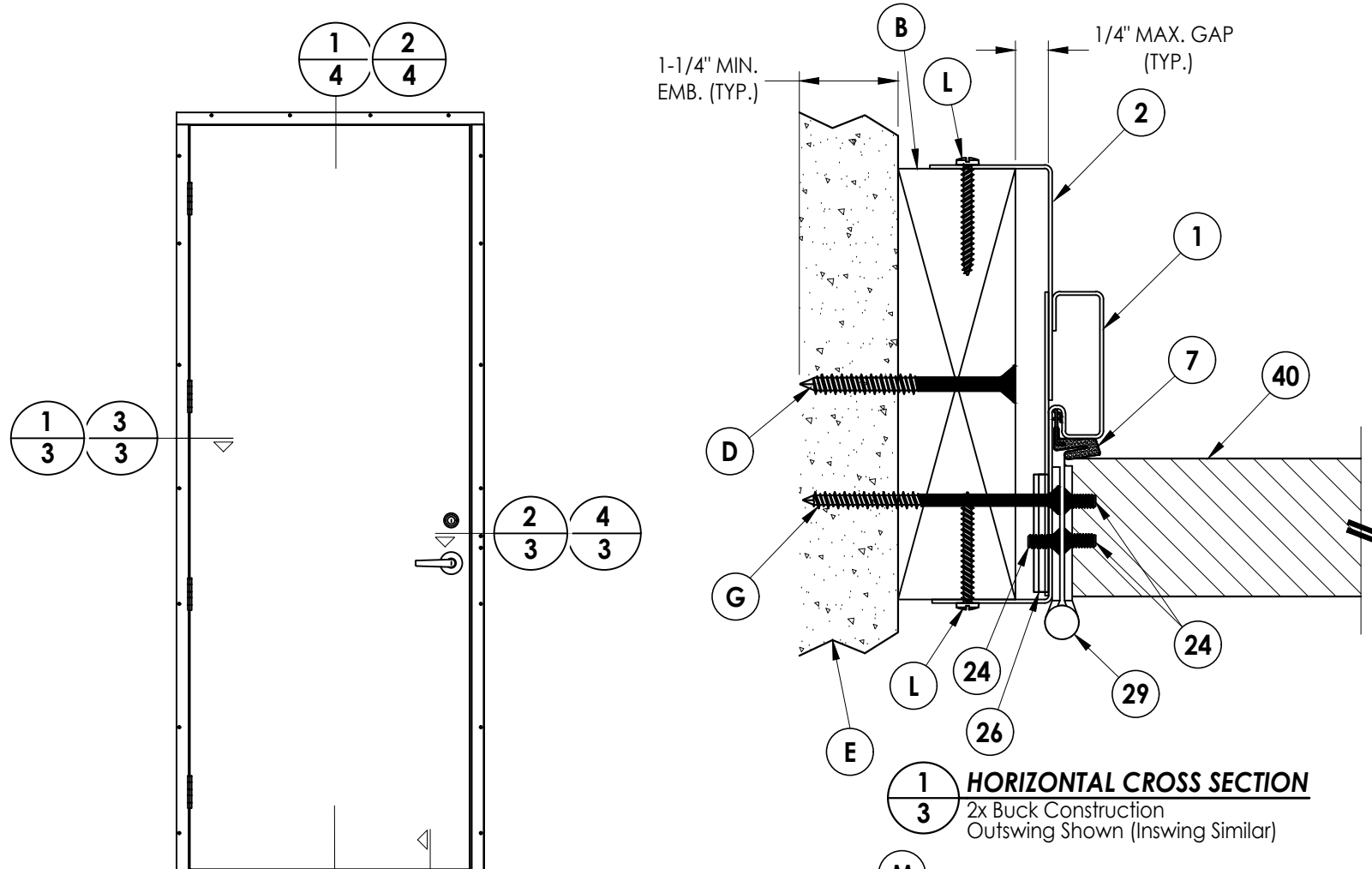
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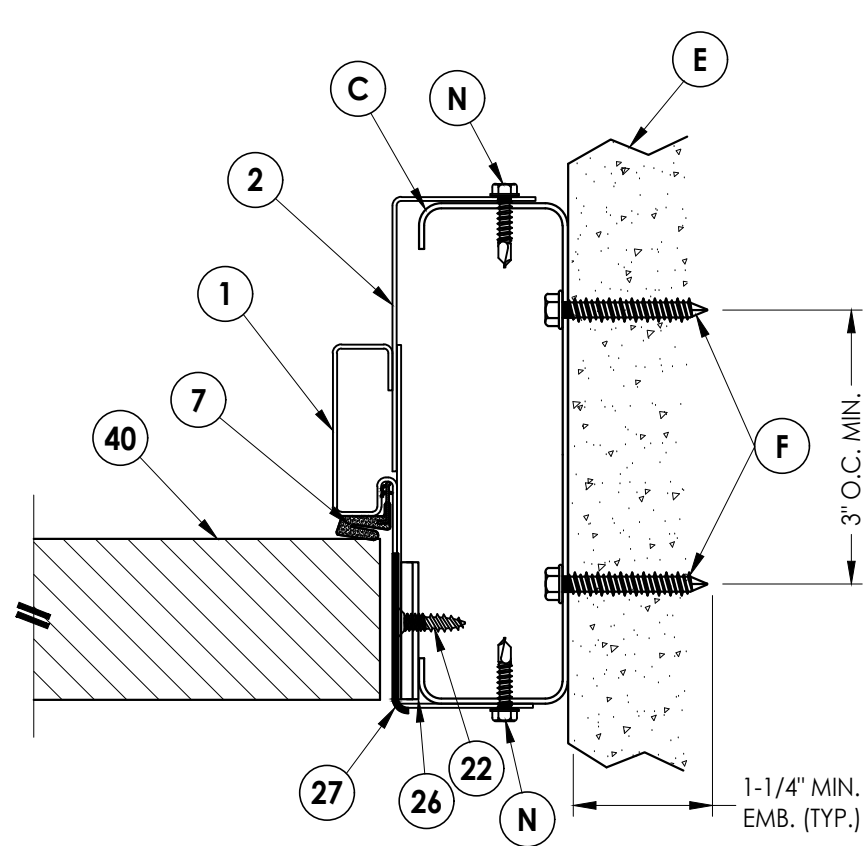
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1 HORIZONTAL CROSS SECTION
2x Buck Construction
Outswing Shown (Inswing Similar)

INTERIOR

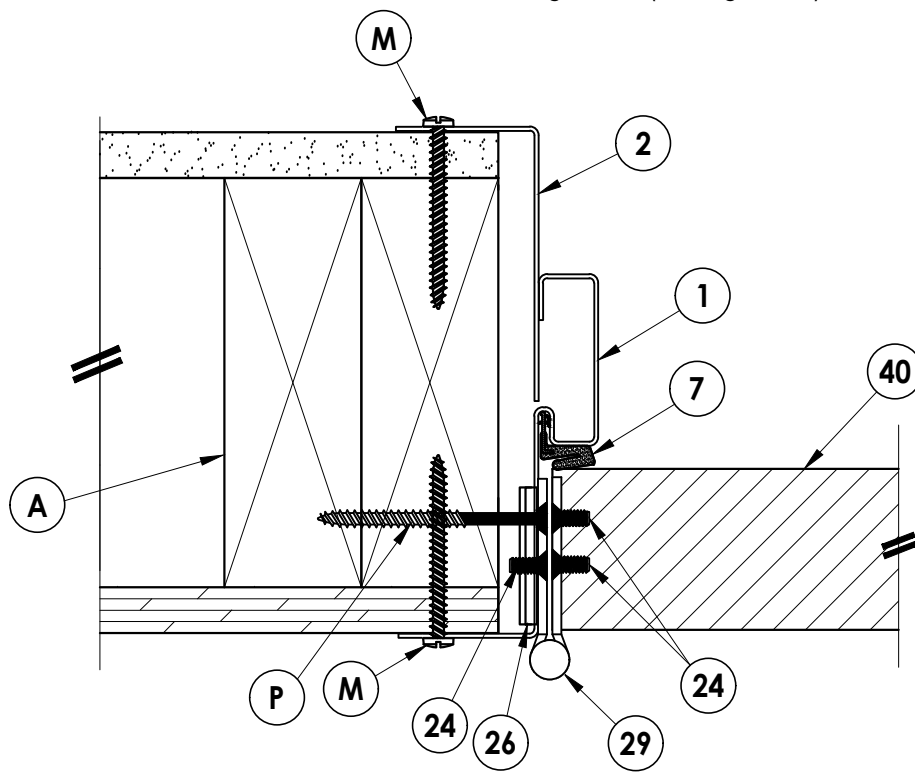
EXTERIOR



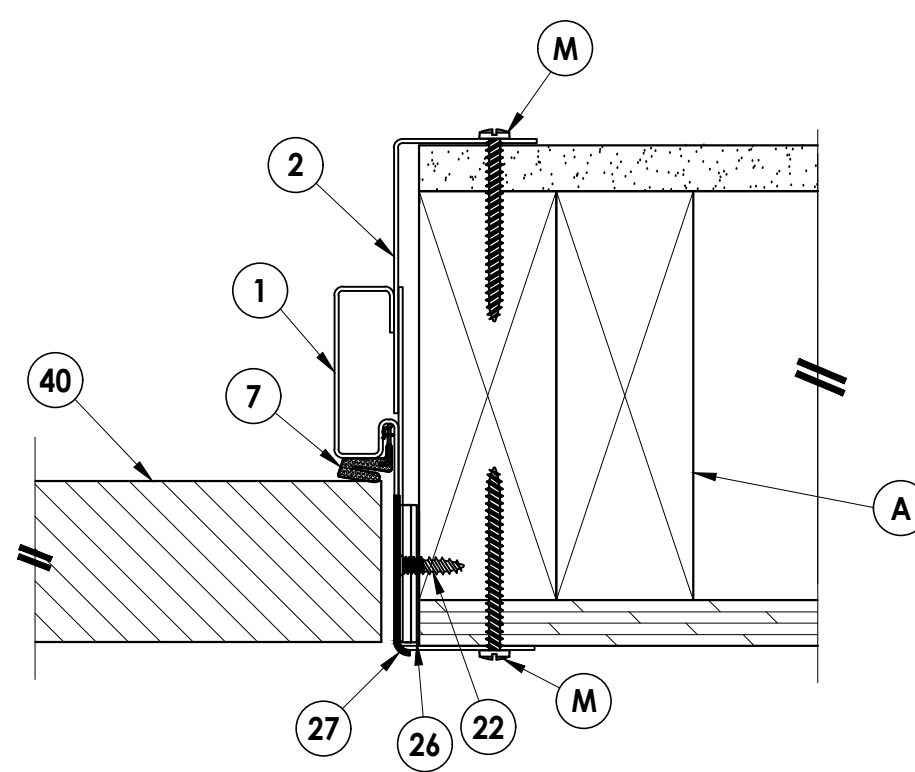
2 HORIZONTAL CROSS SECTION
Steel Stud Construction
Outswing Shown (Inswing Similar)

INTERIOR

EXTERIOR



3 HORIZONTAL CROSS SECTION
2x Stud Construction
Outswing Shown (Inswing Similar)



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

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

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FBPE Registry No. 9813

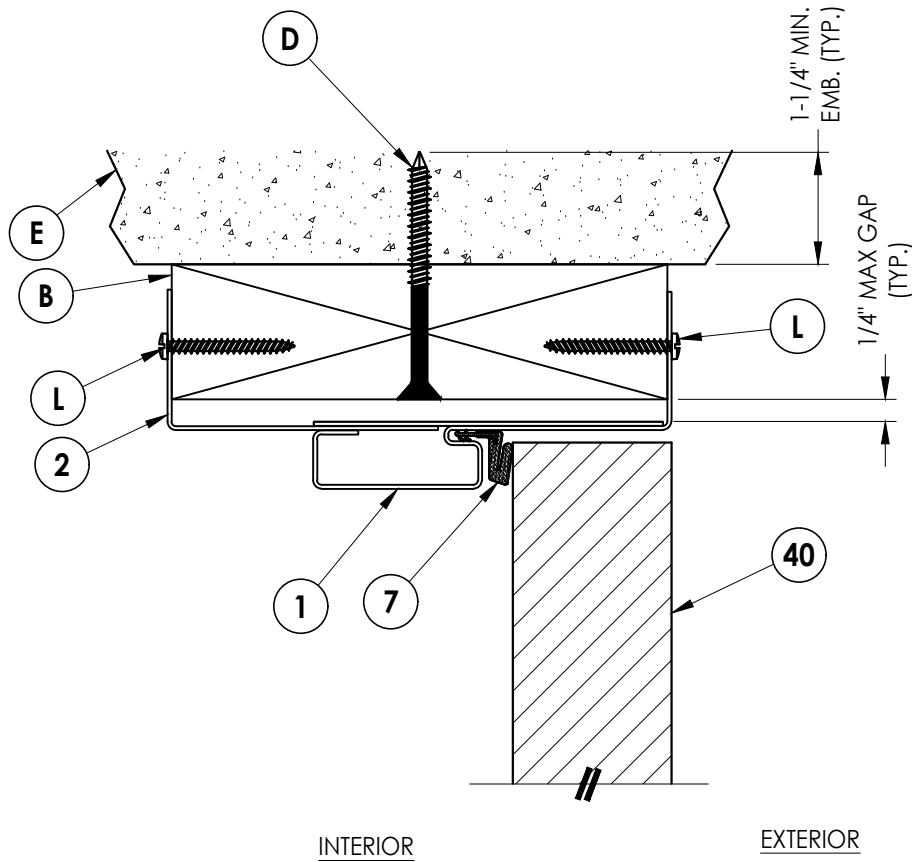
PRODUCT:
TAYLOR ENTRANCE SYSTEMS
STEEL DOOR

PART OR ASSEMBLY:
ELEVATION &
HORIZONTAL CROSS SECTIONS

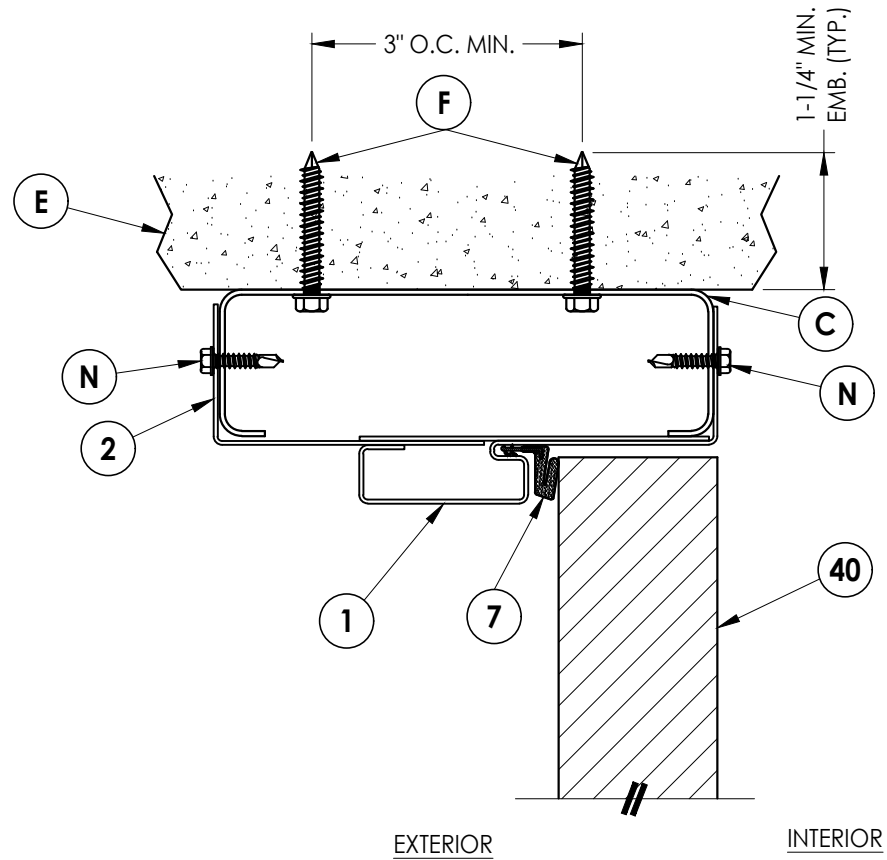
REVISIONS			
NO.	DATE	BY	
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UPDATE TO 9TH ED. (2026)			

DATE: 12/08/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-14513.8
SHEET 3 OF 6

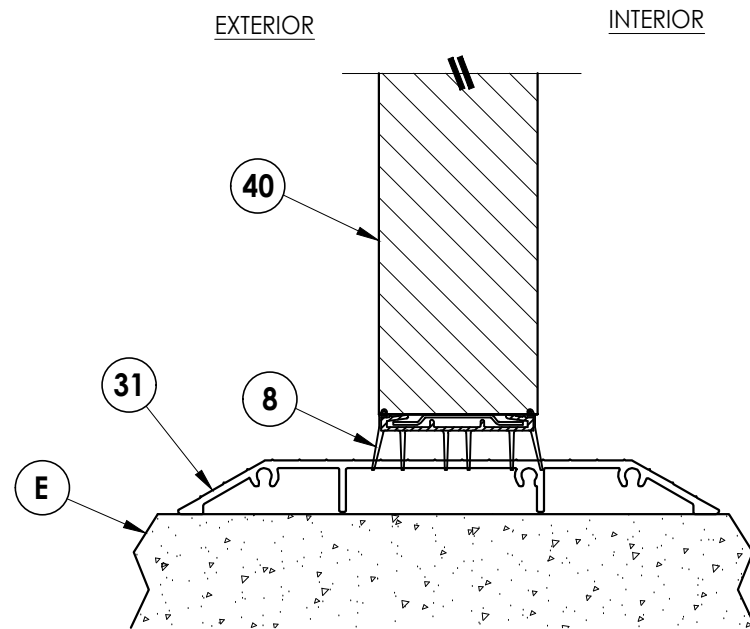
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1 VERTICAL CROSS SECTION
4 Outswing Shown



2 VERTICAL CROSS SECTION
4 Inswing Shown



3 VERTICAL CROSS SECTION
4

Documents Prepared By:
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PRODUCT:
TAYLOR ENTRANCE SYSTEMS
STEEL DOOR

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Phone No.: 813.659.9197
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PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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

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SCALE: N.T.S.

DWG. BY: LFS

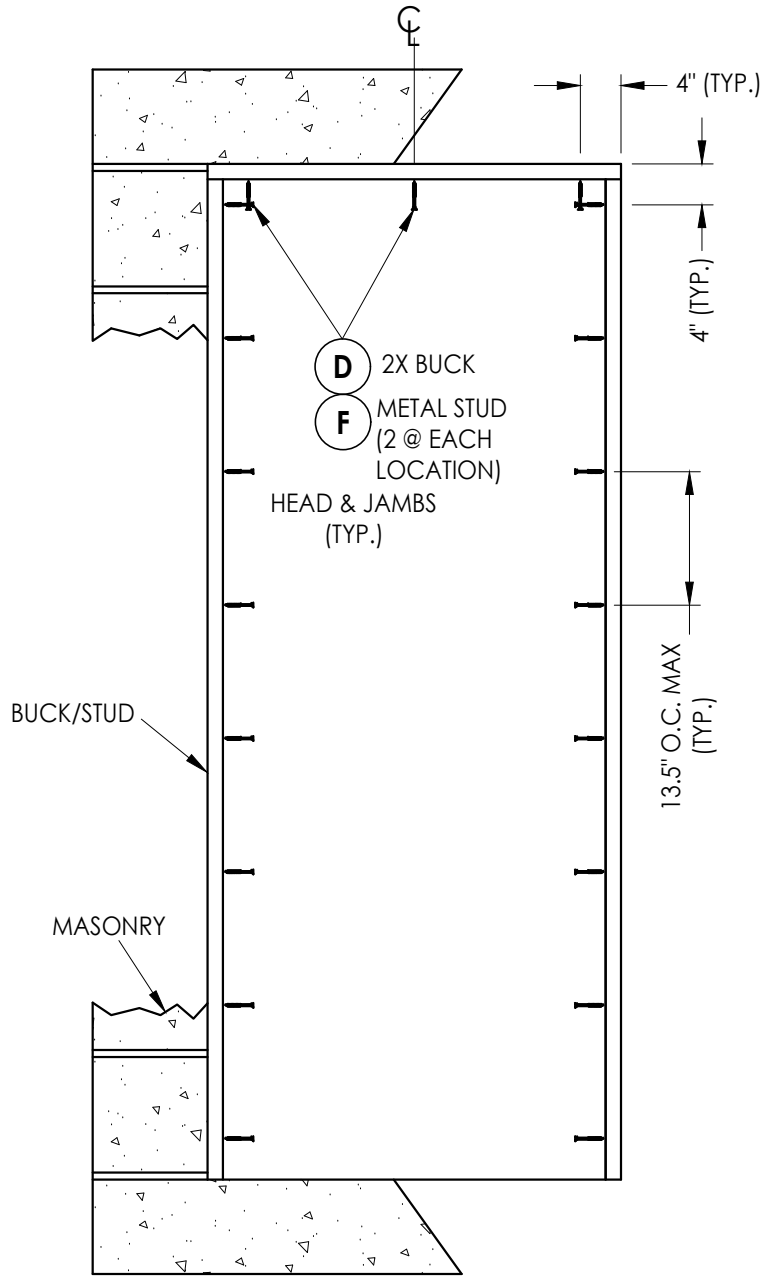
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SHEET 4 OF 6

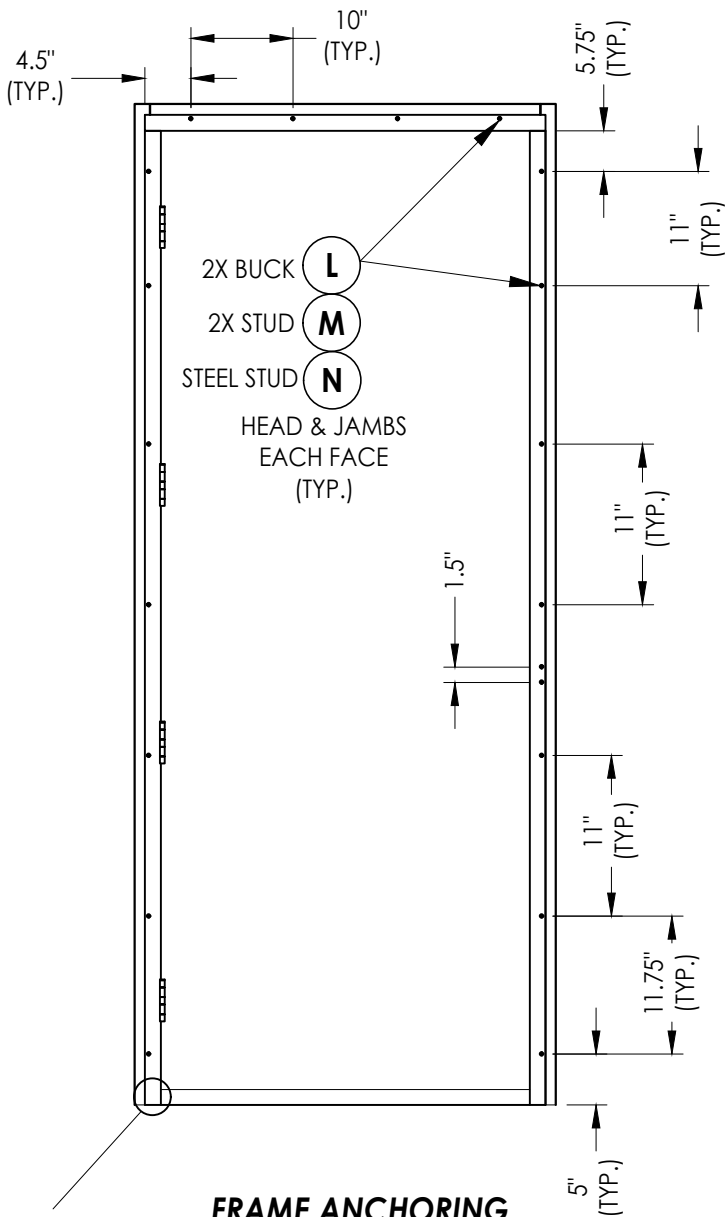
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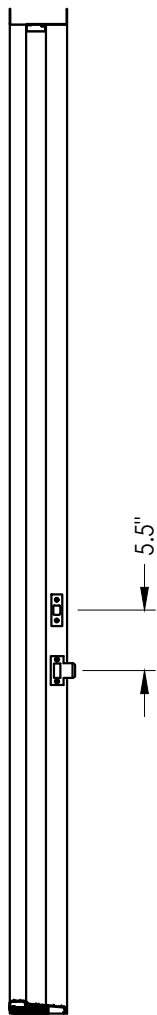
BUCK ANCHORING
8' Door



HINGE JAMB

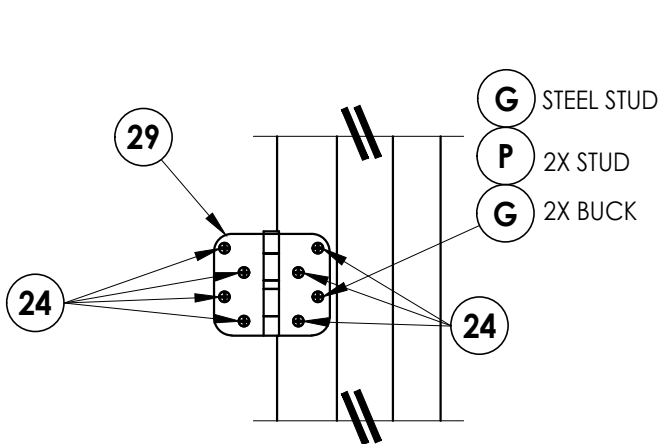


FRAME ANCHORING
8' Door

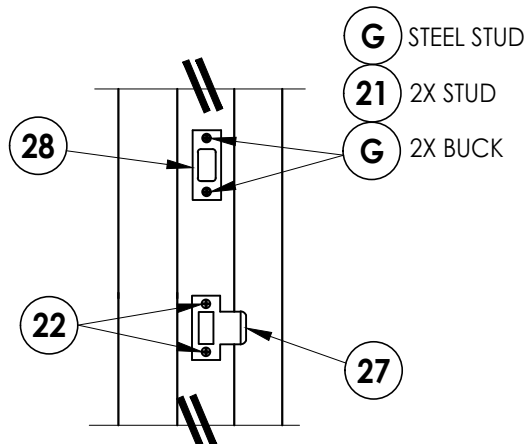


STRIKE JAMB

FRAME CORNERS ATTACHED TO
SILL w/ (3) #8 X 2" SMS (TYP.)



HINGE DETAIL



STRIKE PLATE DETAIL

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"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
TAYLOR ENTRANCE SYSTEMS
STEEL DOOR

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

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

DATE: 12/08/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-14513.8

SHEET 5 OF 6

