



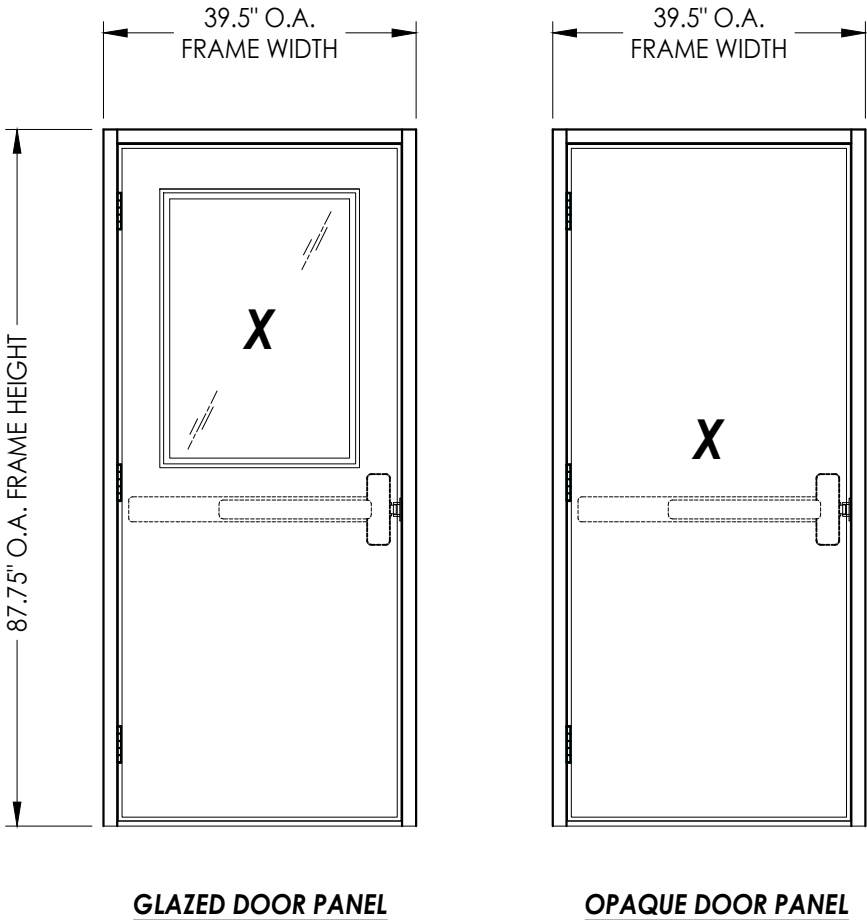
CLINE ALUMINUM DOORS, INC.
112 32nd AVENUE WEST, BRADENTON, FL 34205-8096
Telephone (800) 648-6736

**SERIES 100BE
ALUMINUM DOOR
OUTSWING
"IMPACT"**

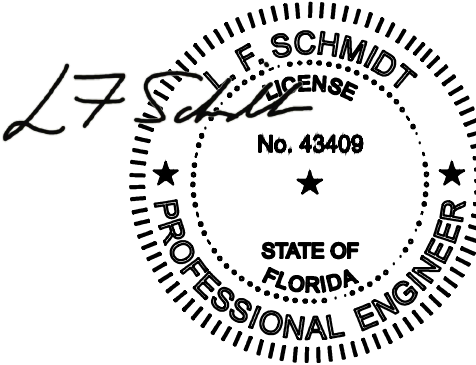
GENERAL NOTES

- 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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- 7. Outswing configurations do 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.
- 8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
- 9. Gaskets shall comply with FBC Section 2411.3.4.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details & glazing detail
3	Horizontal cross sections
4	Vertical cross sections
5	Buck & frame anchoring
6	Bill of materials & components



LOCK HARDWARE	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
CORBIN RUSSWIN ED5000 SERIES RIM PANIC EXIT DEVICE	39.5" x 87.75"	+80.0	-80.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.21 15:38:35 -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

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

CLINE DOORS

DATE: 4/07/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-6336.14

SHEET 1 OF 6

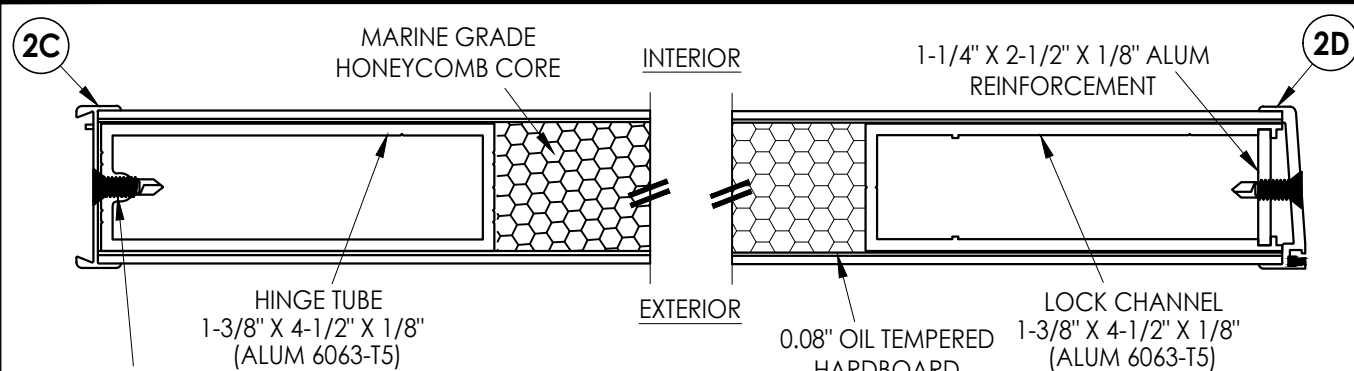
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

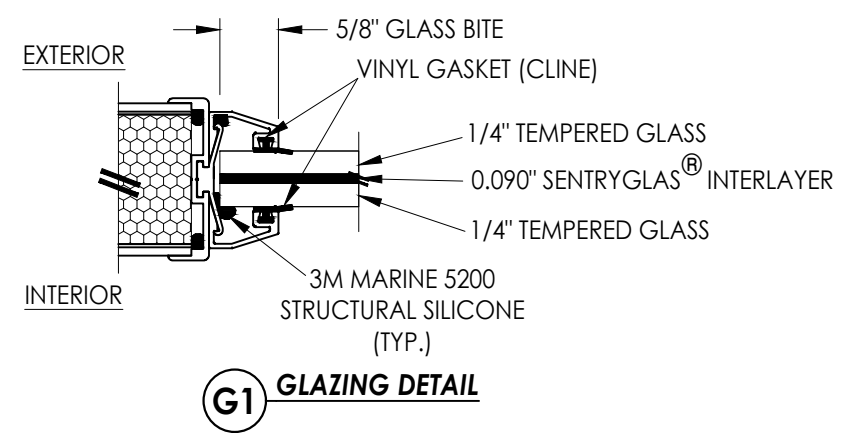
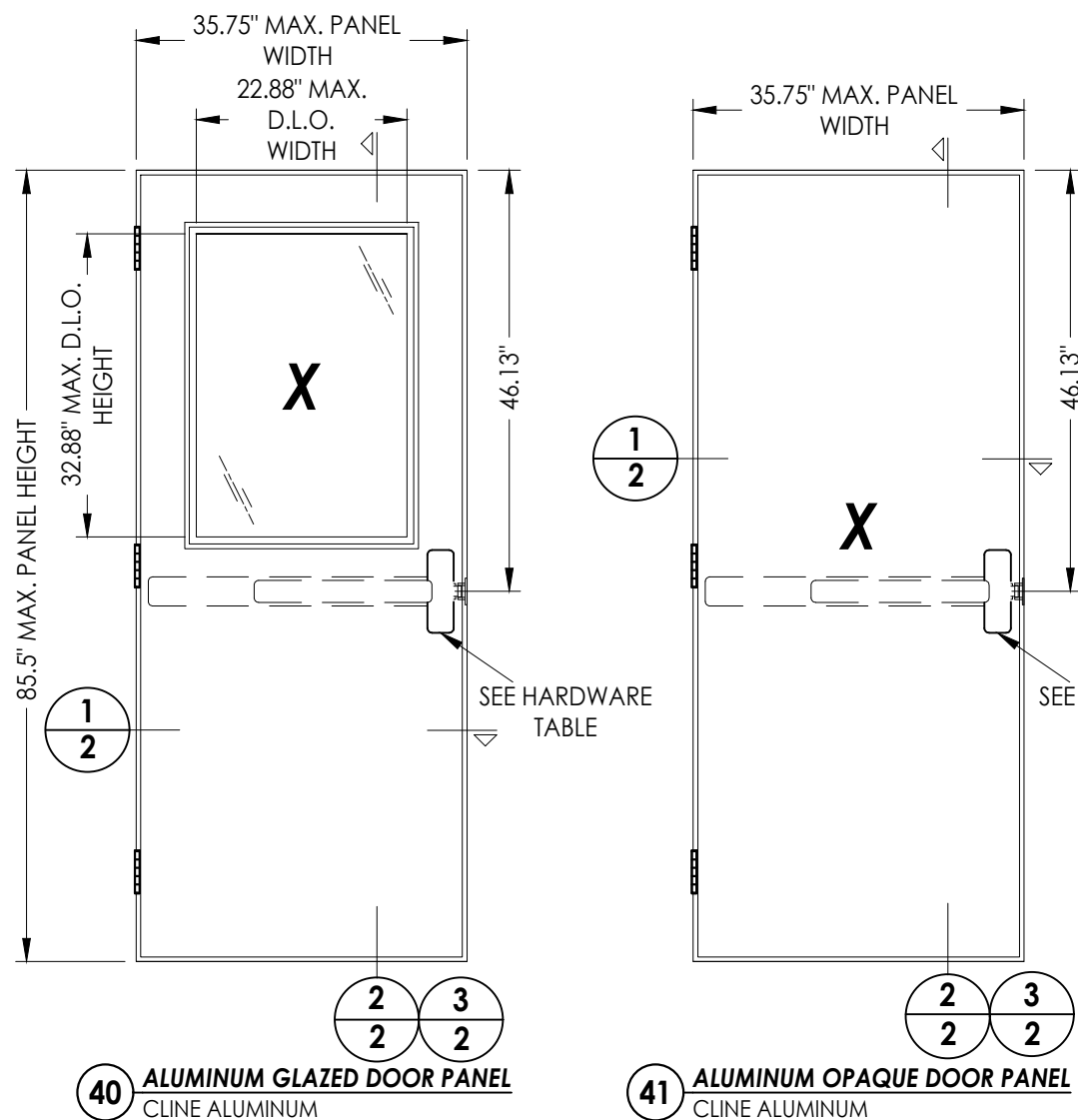
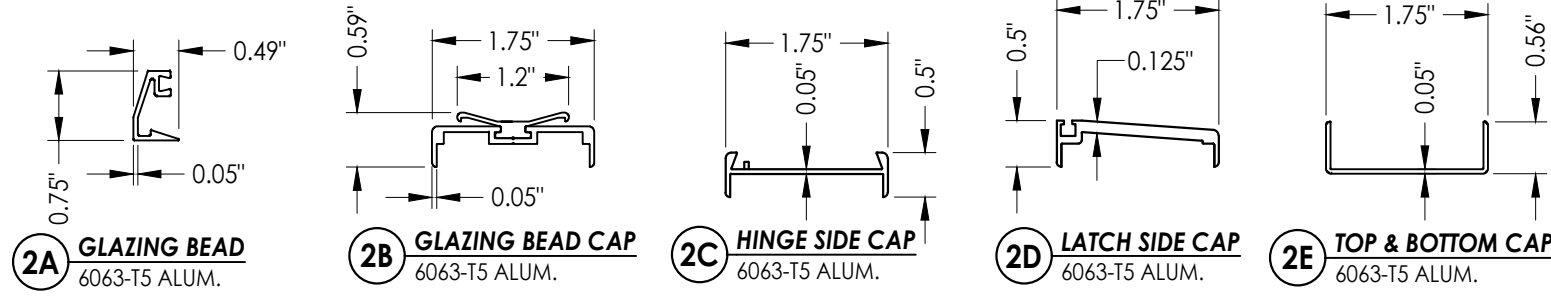
REVISIONS

NO.	DATE	DESCRIPTION
1	7/02/26	UPDATE TO 9TH ED. (2026) FBC

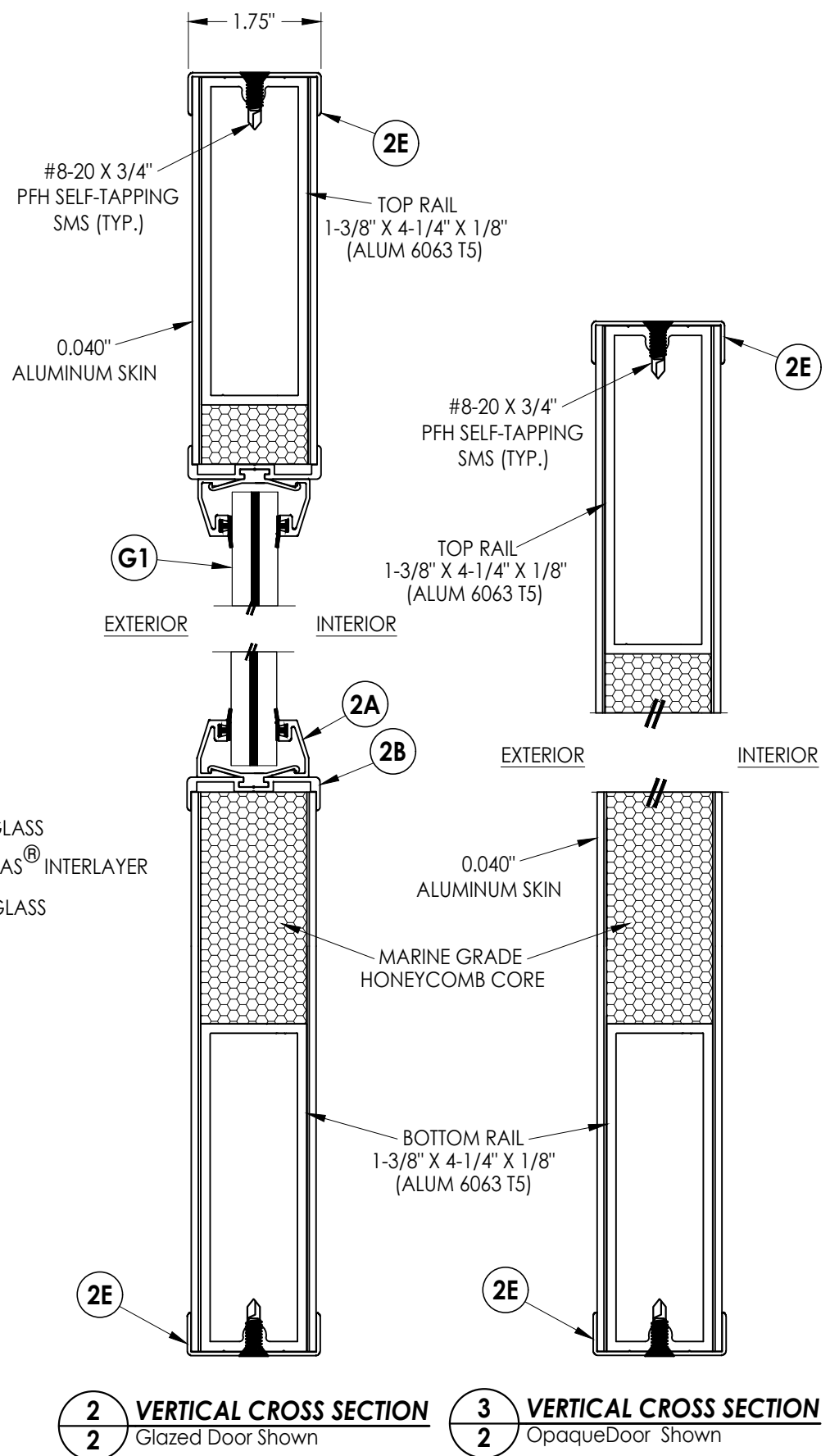
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1
2 **HORIZONTAL CROSS SECTION**



HARDWARE TABLE	
MANUFACTURER	MODEL
CORBIN RUSSWIN	RIM PANIC LOCK: ED5000 SERIES



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CLINE DOORS

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DRAWING NO.: FL-6336.14

SHEET 2 OF 6

CLINE DOORS

DATE: 4/07/26

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SHEET 2 OF 6

Part or Assembly:
DOOR PANEL DETAILS
& GLAZING DETAIL

REVISIONS

NO. DATE

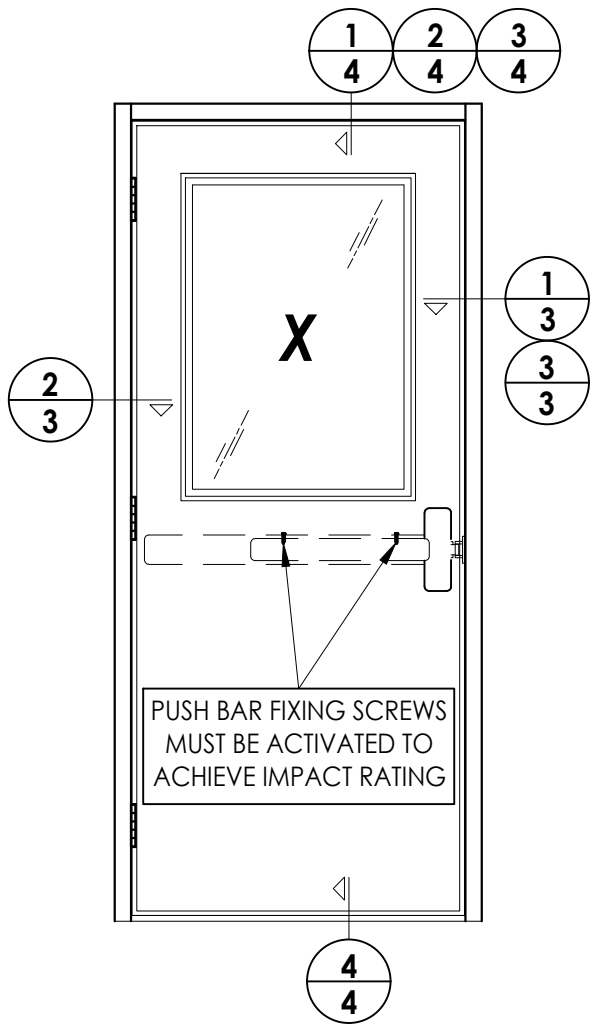
1 7/02/26 UPDATE TO 9TH ED. (2026) FBC

LFS BY

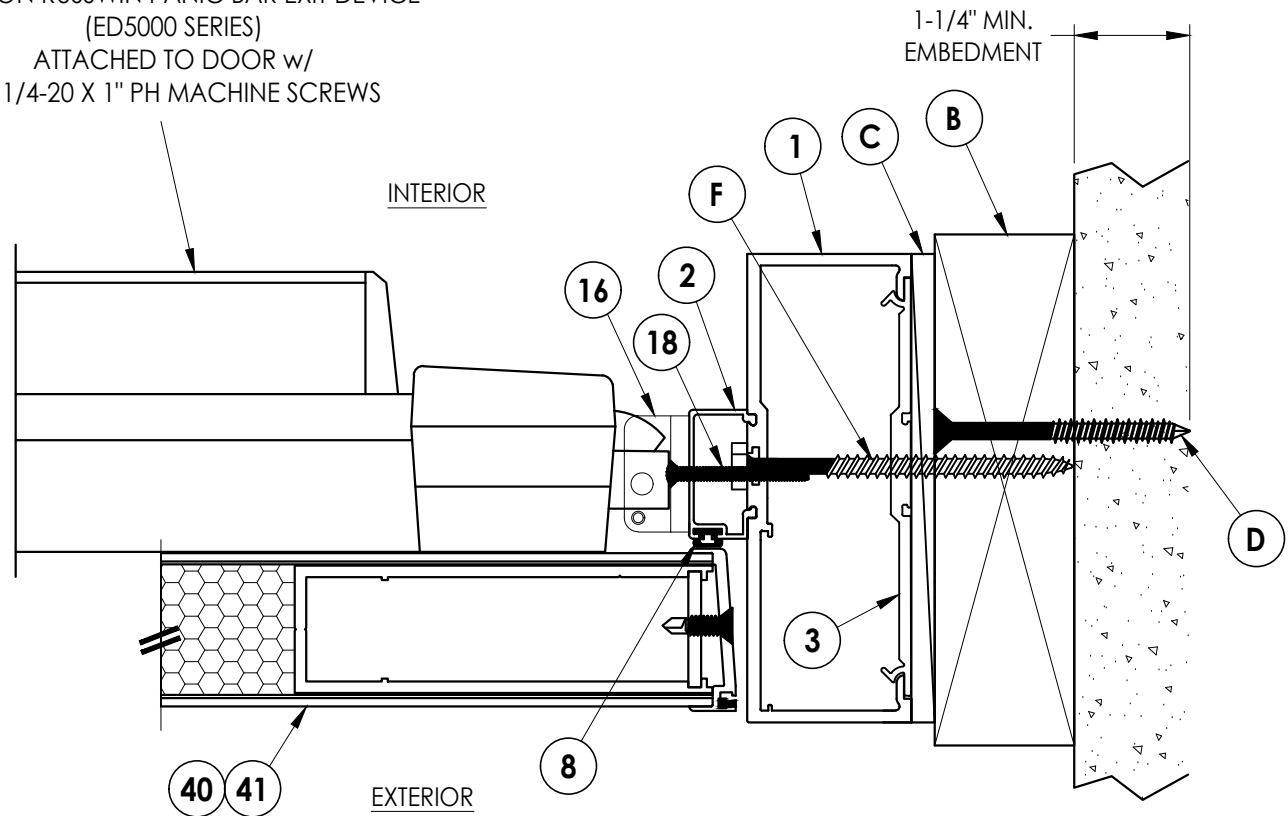
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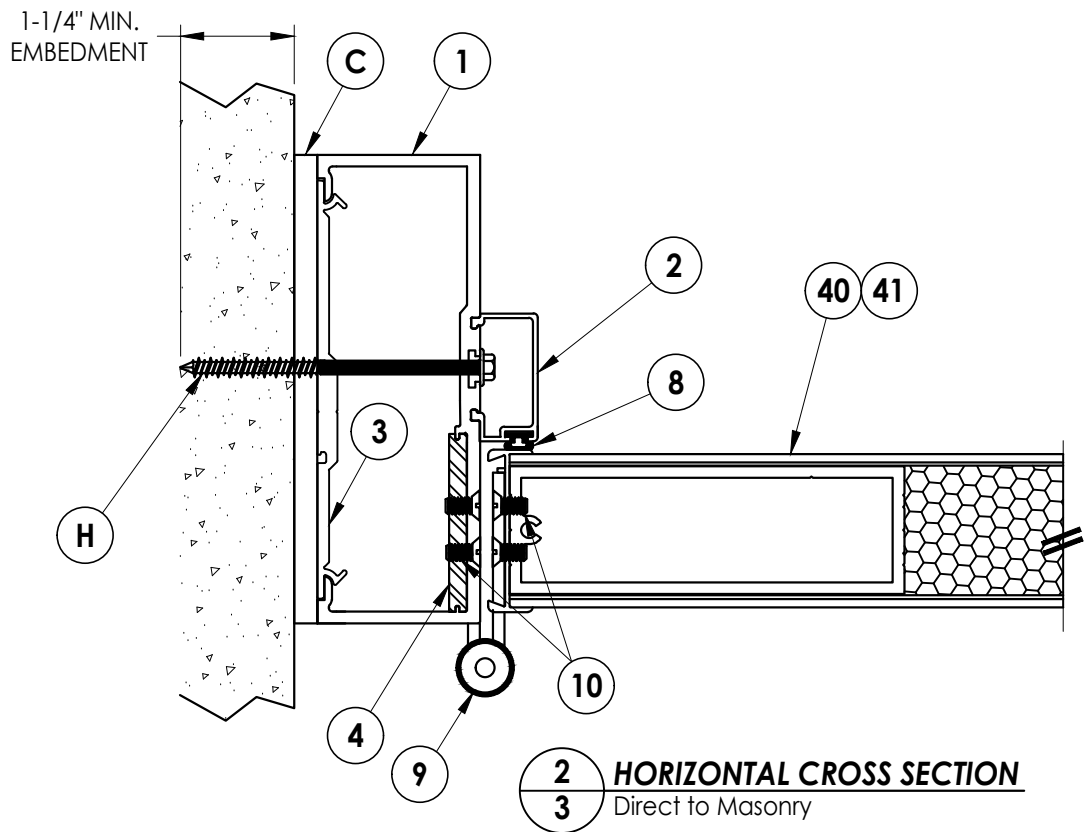
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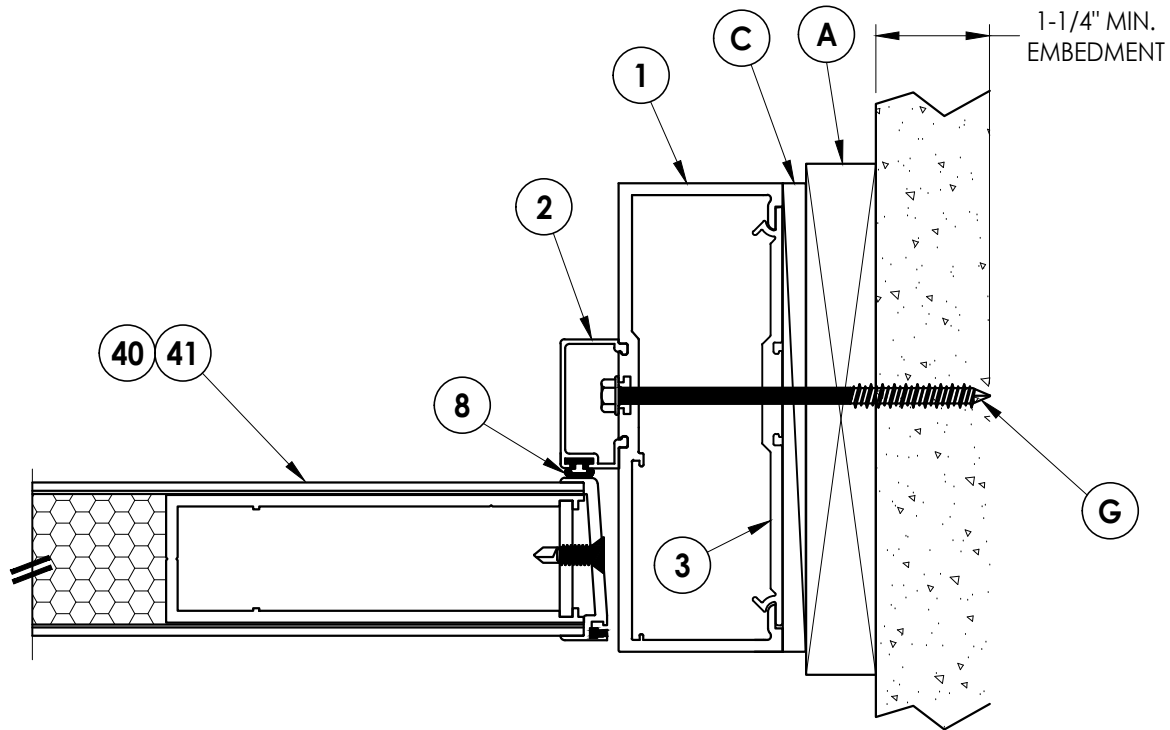
CORBON RUSSWIN PANIC BAR EXIT DEVICE
(ED5000 SERIES)
ATTACHED TO DOOR w/
(4) 1/4-20 X 1" PH MACHINE SCREWS



1
3 **HORIZONTAL CROSS SECTION**
2X Buck Construction



2
3 **HORIZONTAL CROSS SECTION**
Direct to Masonry



3
3 **HORIZONTAL CROSS SECTION**
Shown w/1X sub-buck

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FBPE Registry No. 9813

PRODUCT: CLINE DOORS

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
1	7/02/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

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SHEET 3 OF 6

Diagram illustrating the vertical cross section of a window assembly, showing the exterior and interior components and the structural details.

Labels:

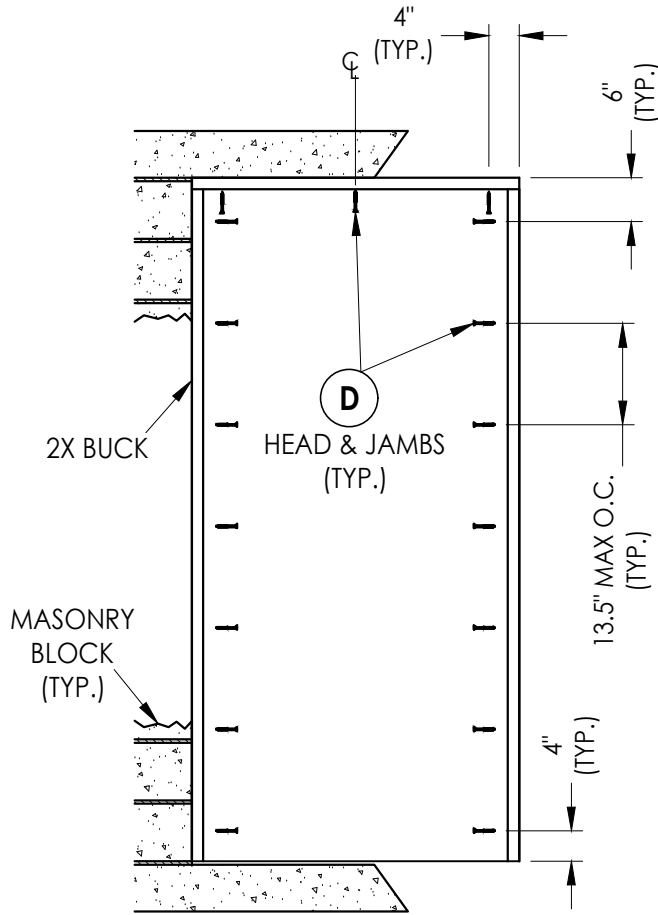
- EXTERIOR** (Left side)
- INTERIOR** (Right side)
- 40** and **41**: Callouts pointing to the exterior frame components.
- 25**: Callout pointing to the exterior weatherstripping or seal.
- 7**: Callout pointing to the interior frame component.
- 32**: Callout pointing to the interior weatherstripping or seal.
- E**: Callout pointing to the exterior structural member (concrete).
- J**: Callout pointing to the fastener (screw) securing the interior frame to the exterior structure.
- 1-1/4" MIN. EMB. (TYP.)**: Dimension indicating the minimum embedment depth of the fastener into the exterior structure.

VERTICAL CROSS SECTION

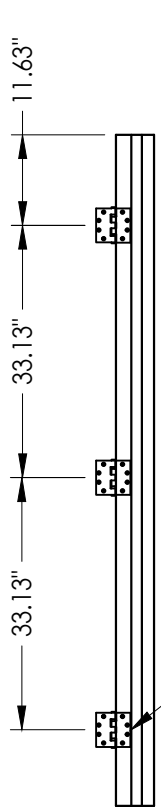
4 VERTICAL CROSS SECTION

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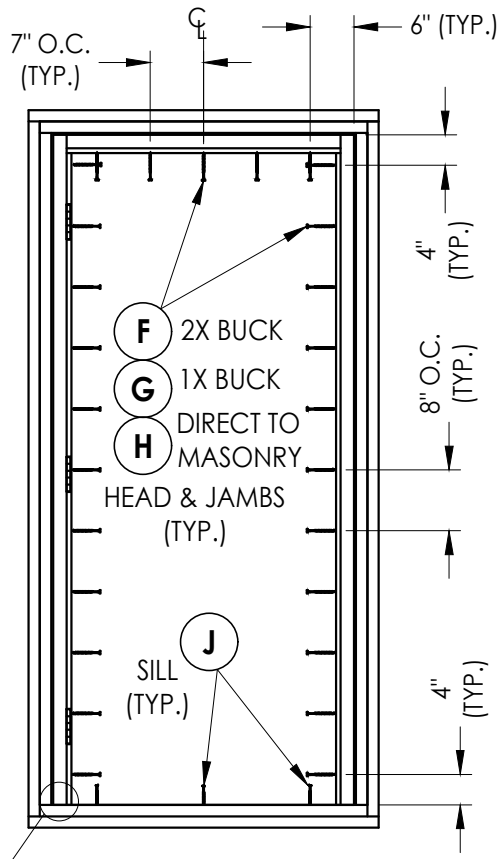
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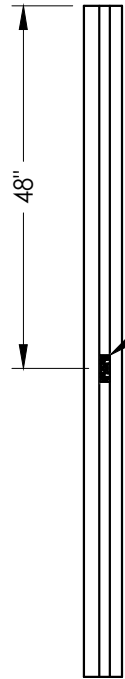
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING



LATCH JAMB

SEE CORNER DETAIL (TYP.)

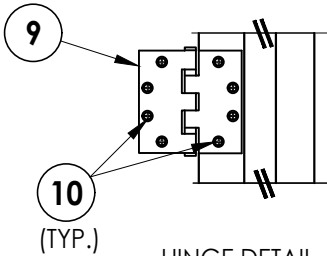
CONCRETE ANCHOR NOTES:

- 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:

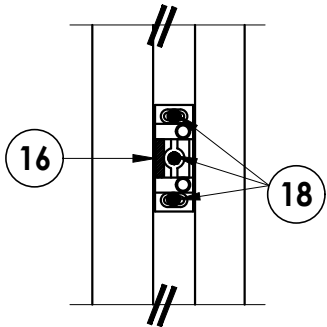
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

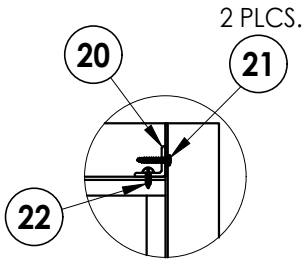
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



HINGE DETAIL



PANIC BAR ROLLER STRIKE DETAIL



CORNER DETAIL

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PRODUCT: CLINE DOORS

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

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LFS	BY	

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SHEET 5 OF 6

