

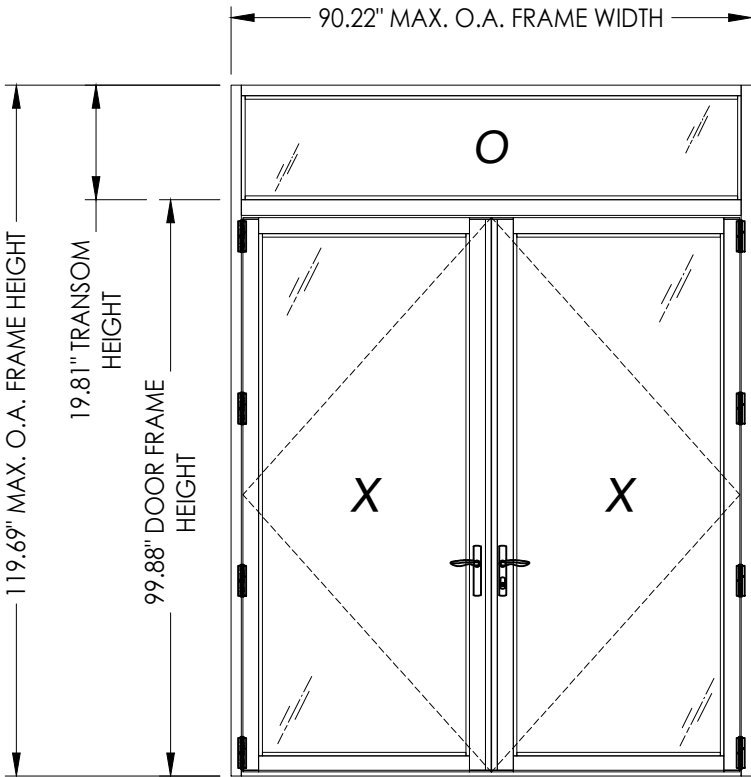


"VERIS V3" GLAZED ALUMINUM DOOR
DOUBLE w/ TRANSOM
OUTSWING
"IMPACT"

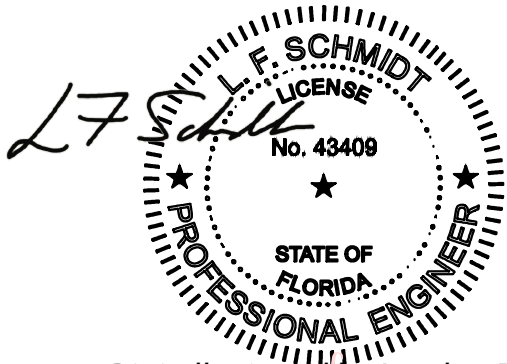
GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements 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 includes Wind Zone 4 as defined in ASTM E1996.
- 4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
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6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Horizontal Cross Sections
8	Vertical Cross Sections
9	Buck & Frame Anchoring
10	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	DOOR MAX. D.L.O.	TRANSOM MAX. D.L.O.	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
O XX	90.22" x 119.69"	35.25" X 89.25"	85.34" X 16.75"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.10 15:58:17 -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

PRODUCT: THERMA TRU

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

1

7/03/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

NO.

DATE

BY

REVISIONS

DATE: 2/07/24

SCALE: N.T.S.

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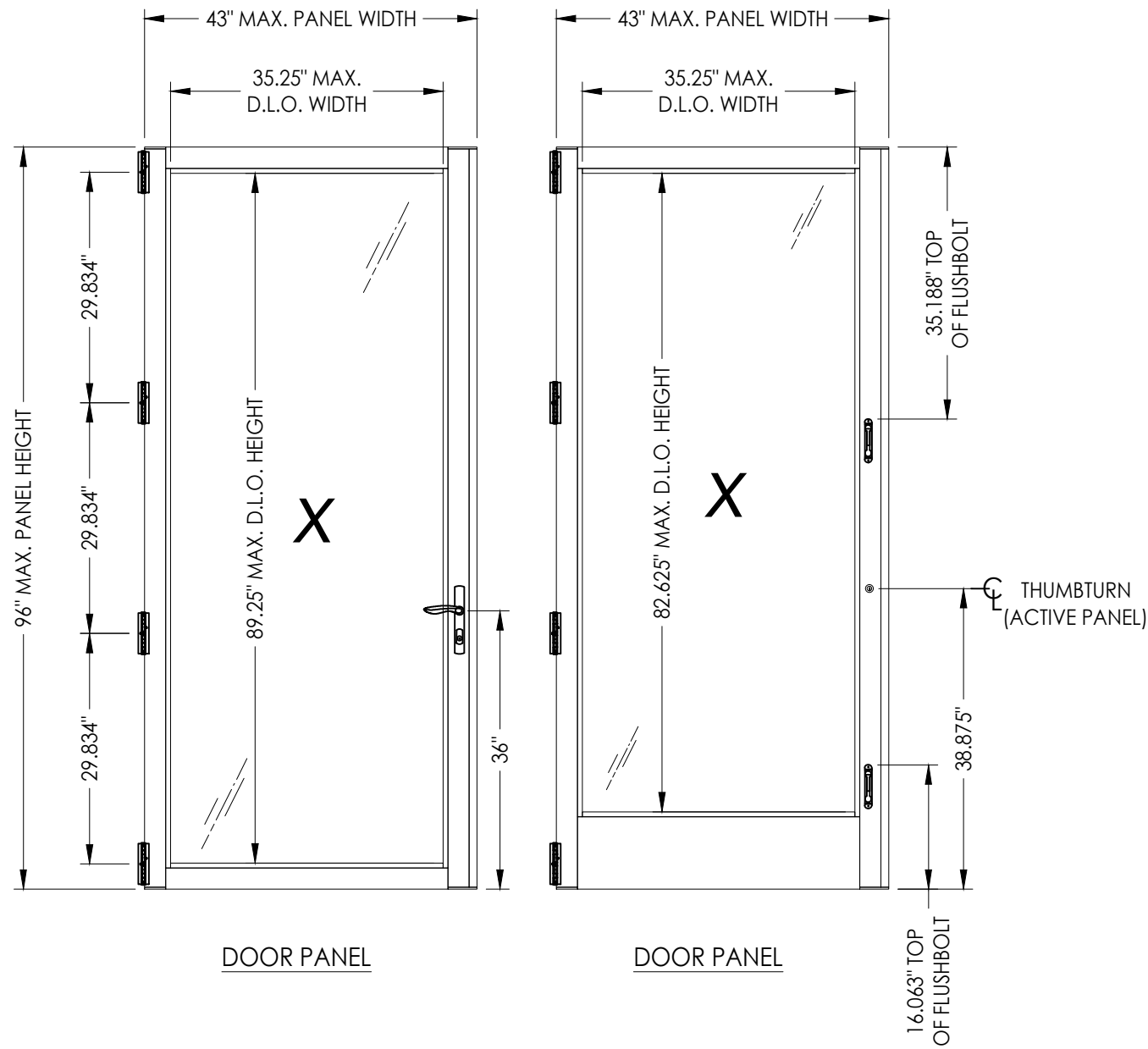
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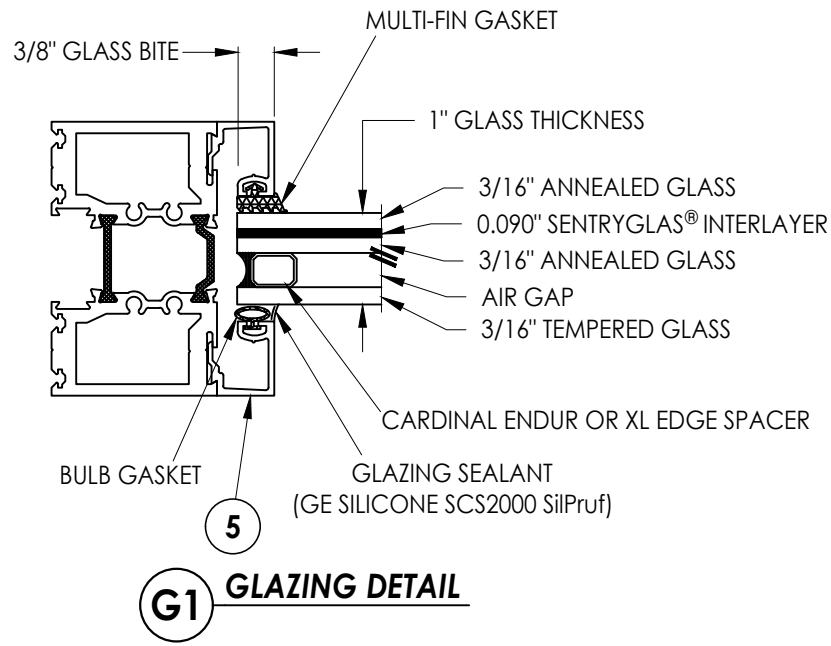
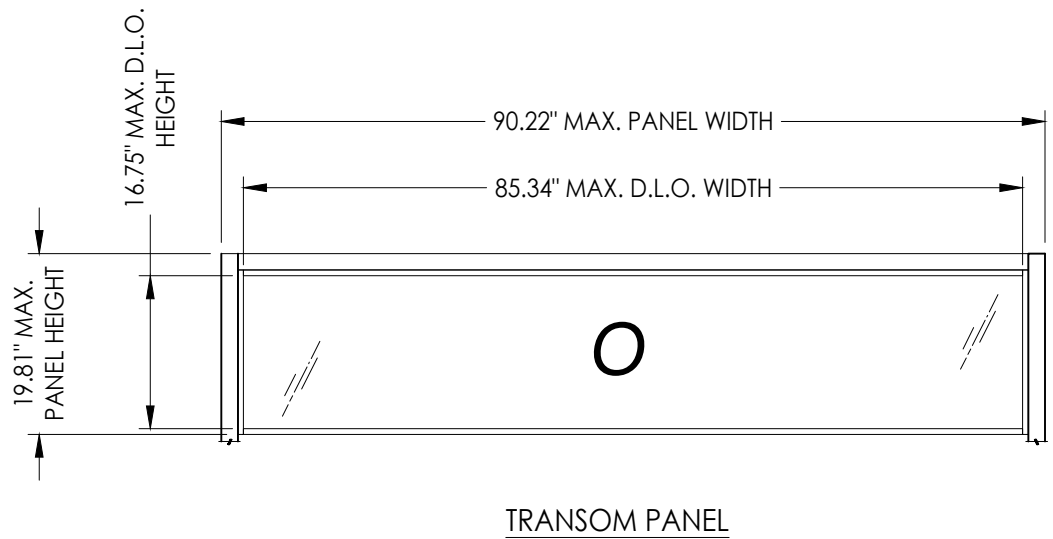
SHEET 1 OF 10

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FBPE Registry No. 9813

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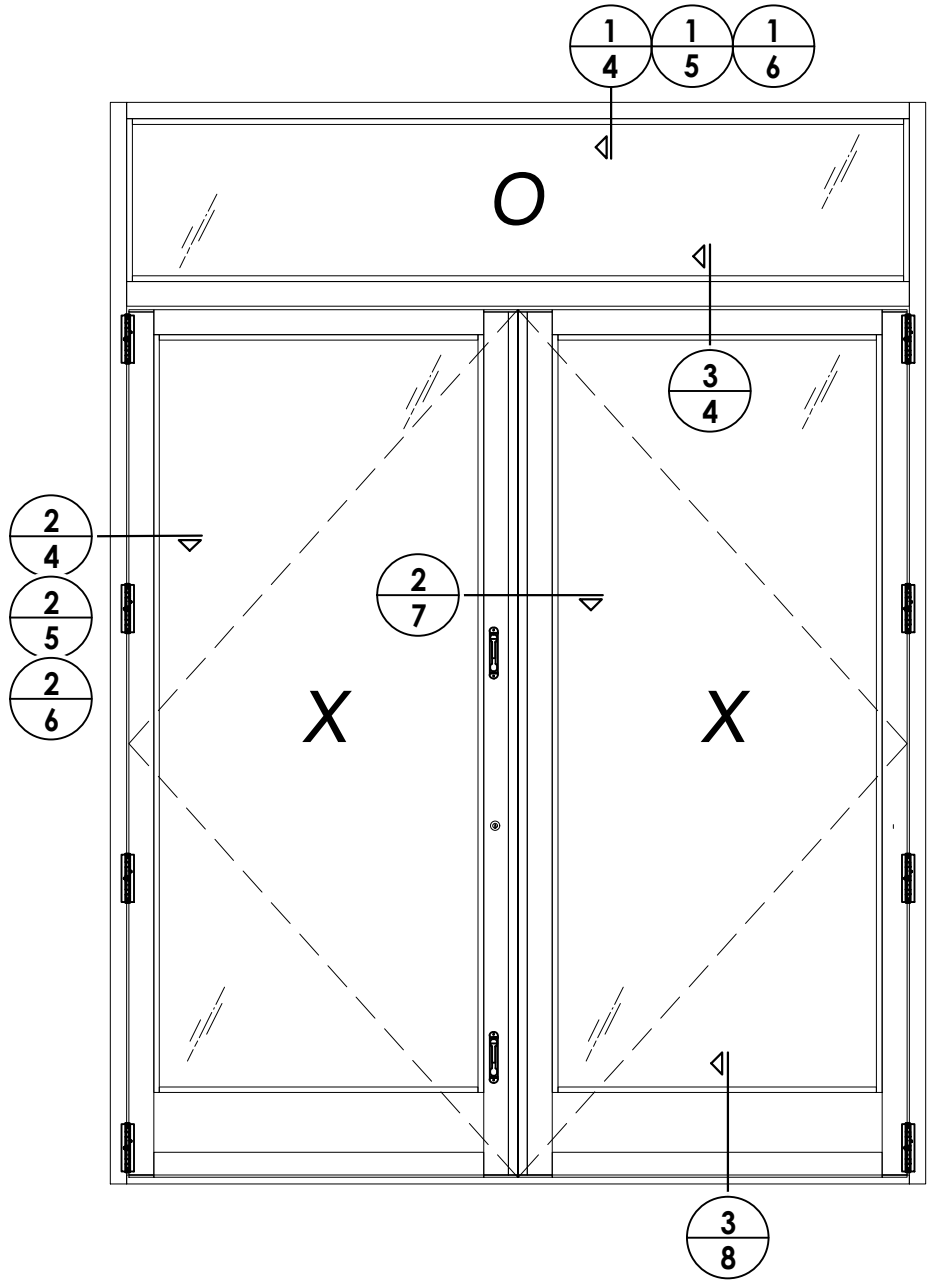
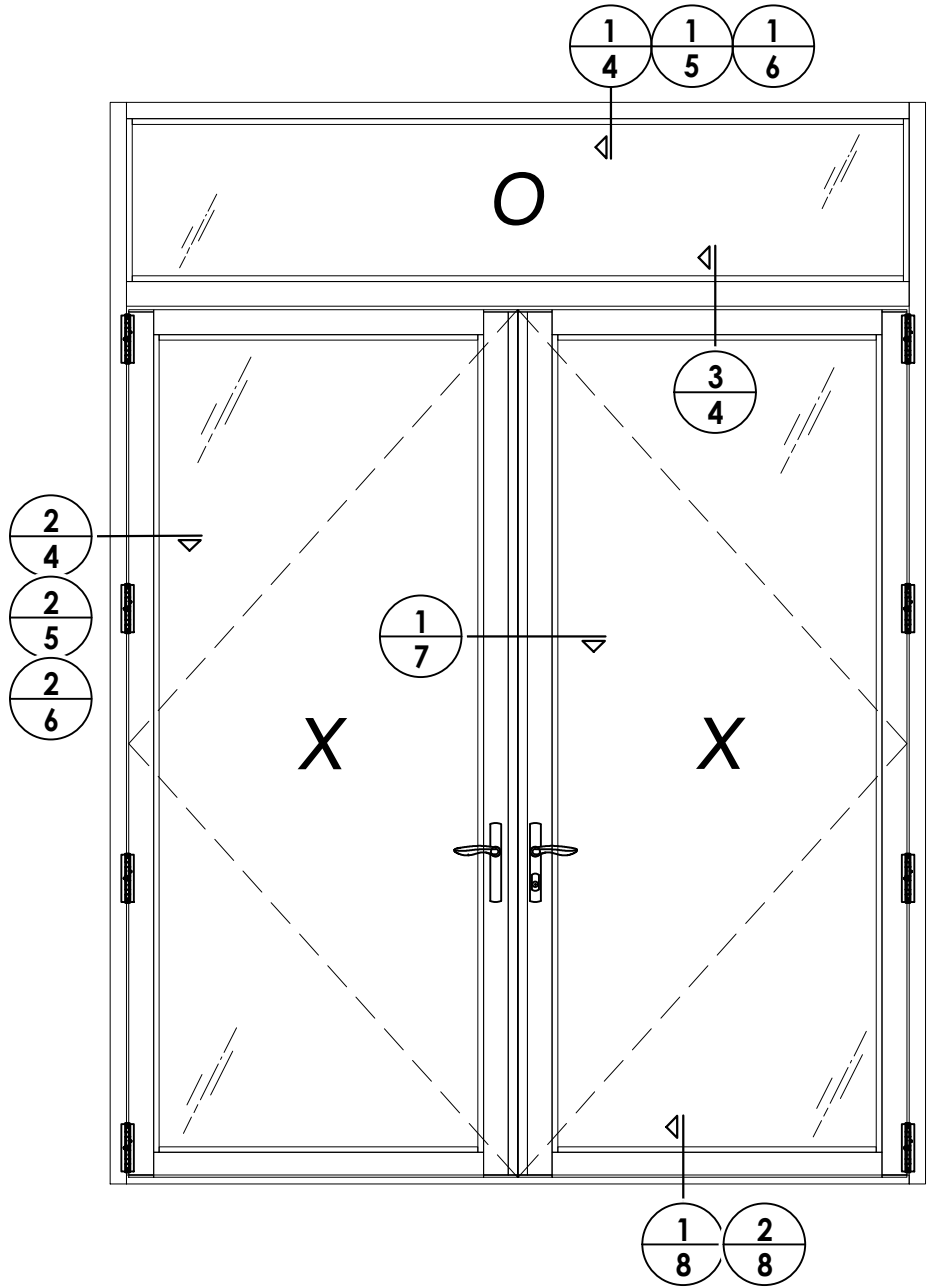


HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	<u>HOPPE HLS9000</u> ACTIVE: LEVER w/ 3 pt. LOCK INACTIVE: LEVER w/ 2 pt. LOCK
ADAMS RITE	ACTIVE: THUMBTURN & KEYED CYLINDER MS+ 1890 SERIES DEADBOLT
TERRY HINGE & HARDWARE	ACTIVE & INACTIVE: FLUSHBOLTS



DATE: 2/07/24		SHEET 2 OF 10	
SCALE: N.T.S.		DRAWING NO.: FL-46172.8	
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1		FL-46172.8	
7/03/26		DWG. BY: LFS	
DATE		CHK. BY: RW	
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FBC		FL-46172.8	
BY		DWG. BY: LFS	
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PART OR ASSEMBLY:		DRAWING NO.:	
DOOR & TRANSOM PANELS & GLAZING DETAILS		FL-46172.8	
PRODUCT:		DWG. BY: LFS	
THERMA-TRU		CHK. BY: RW	
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Lyndon F. Schmidt		FL-46172.8	
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SHEET 3 OF 10

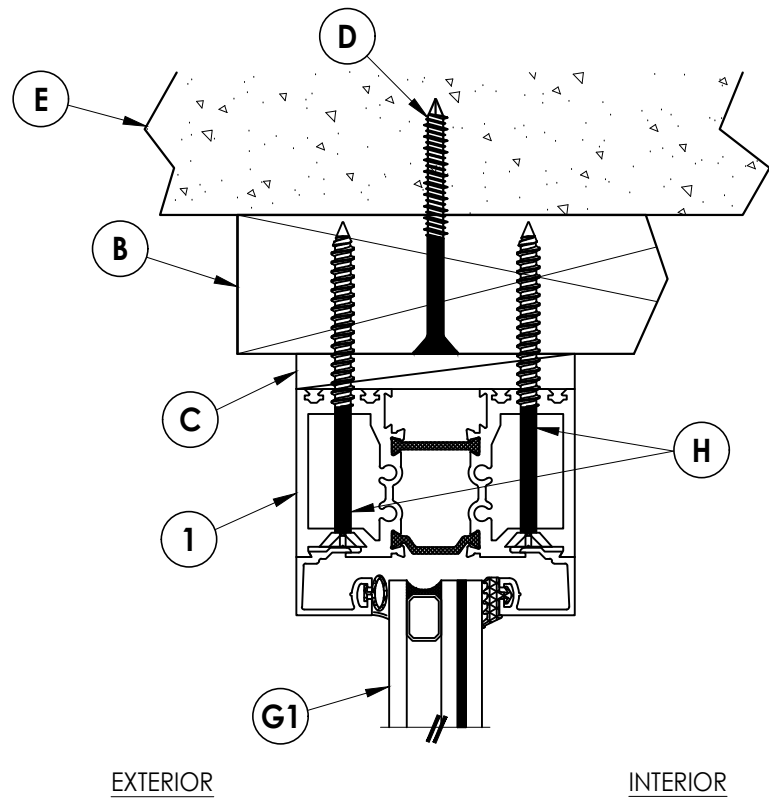
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PRODUCT:	THERMA-TRU
PART OR ASSEMBLY:	ELEVATIONS

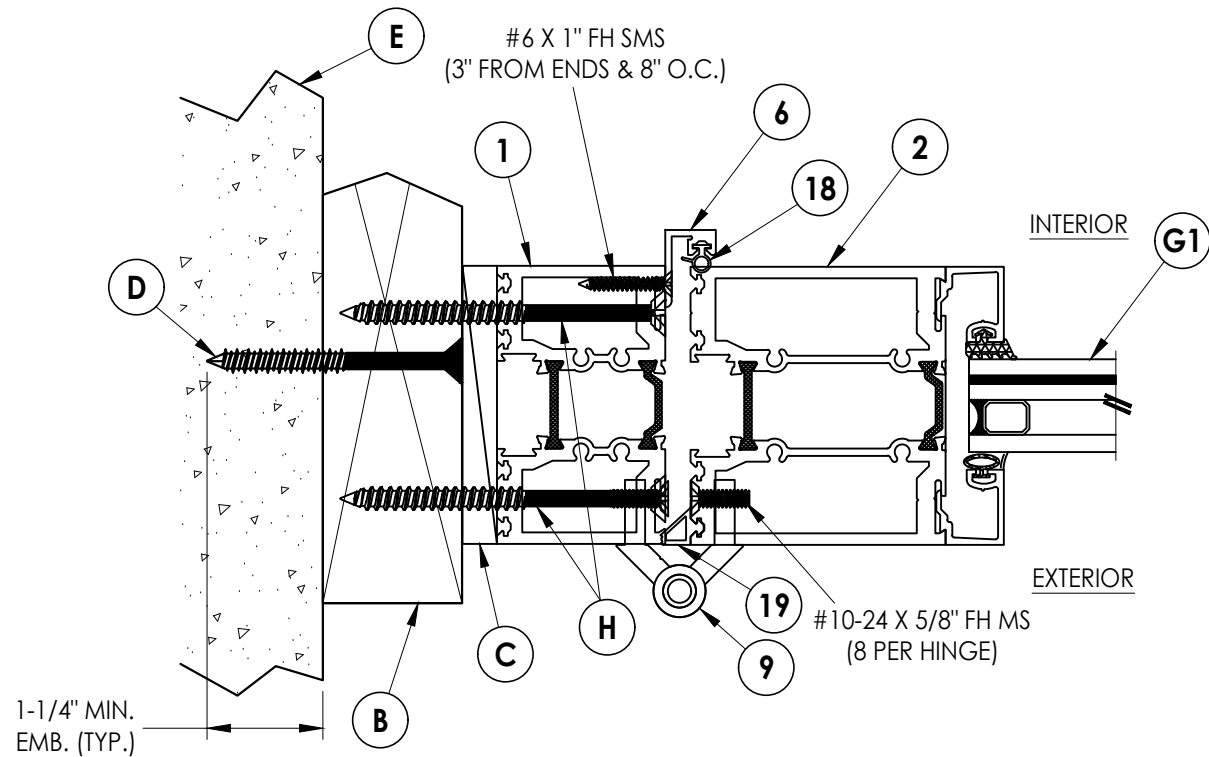
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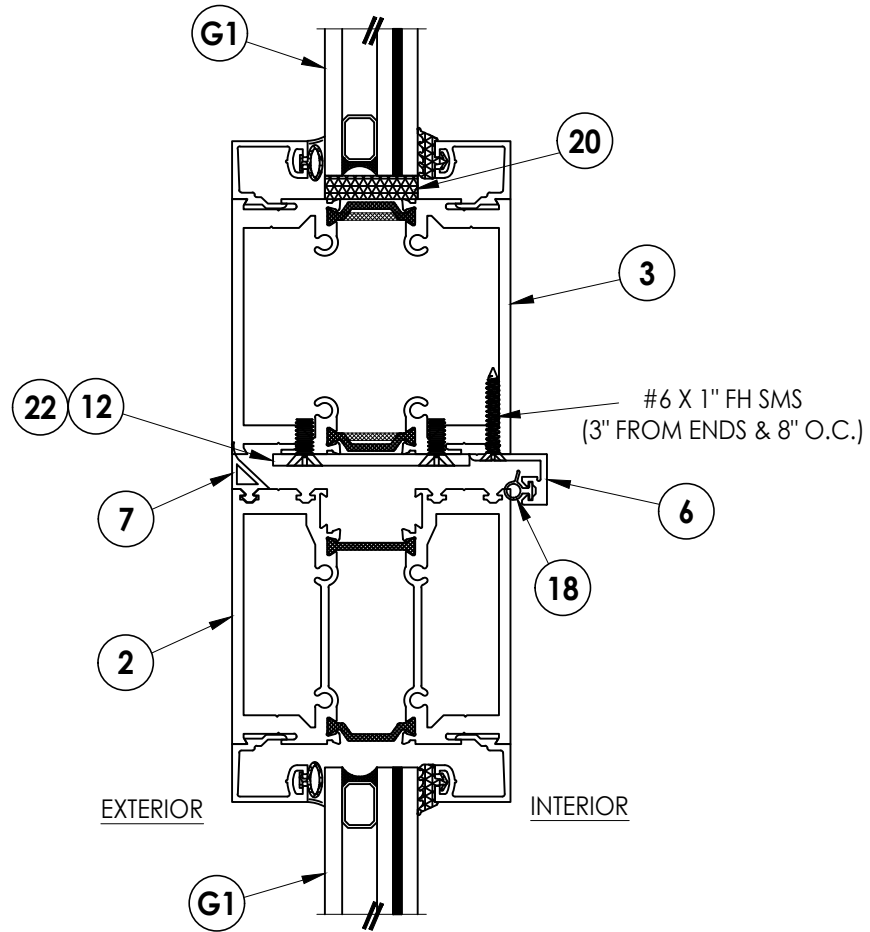
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1
4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



3
4 **VERTICAL CROSS SECTION**

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PRODUCT: **THERMA-TRU**

PART OR ASSEMBLY:
**HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)**

NO.	DATE	REVISIONS
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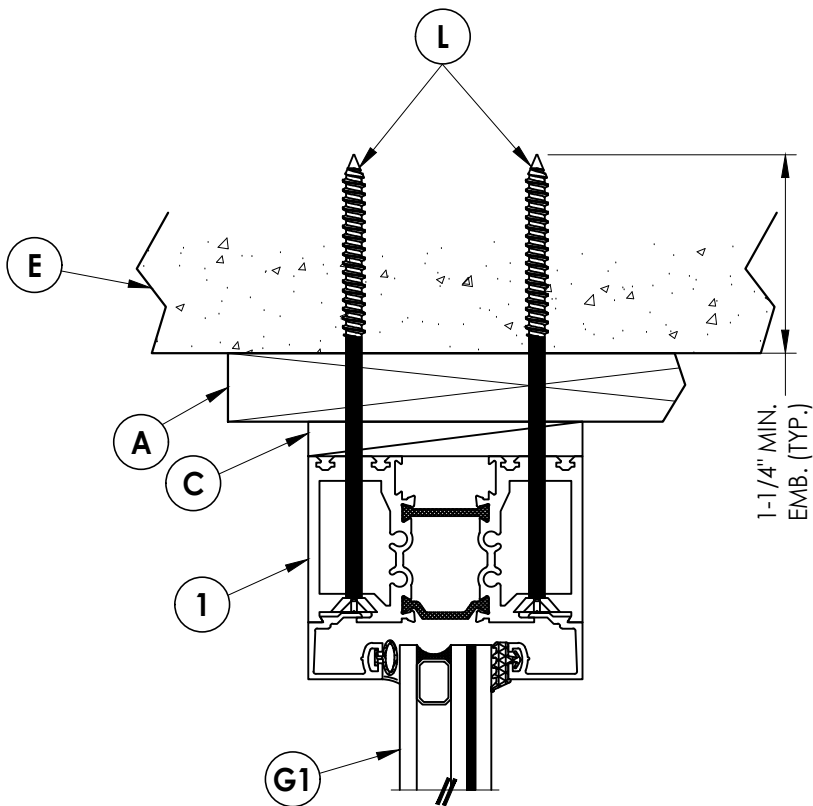
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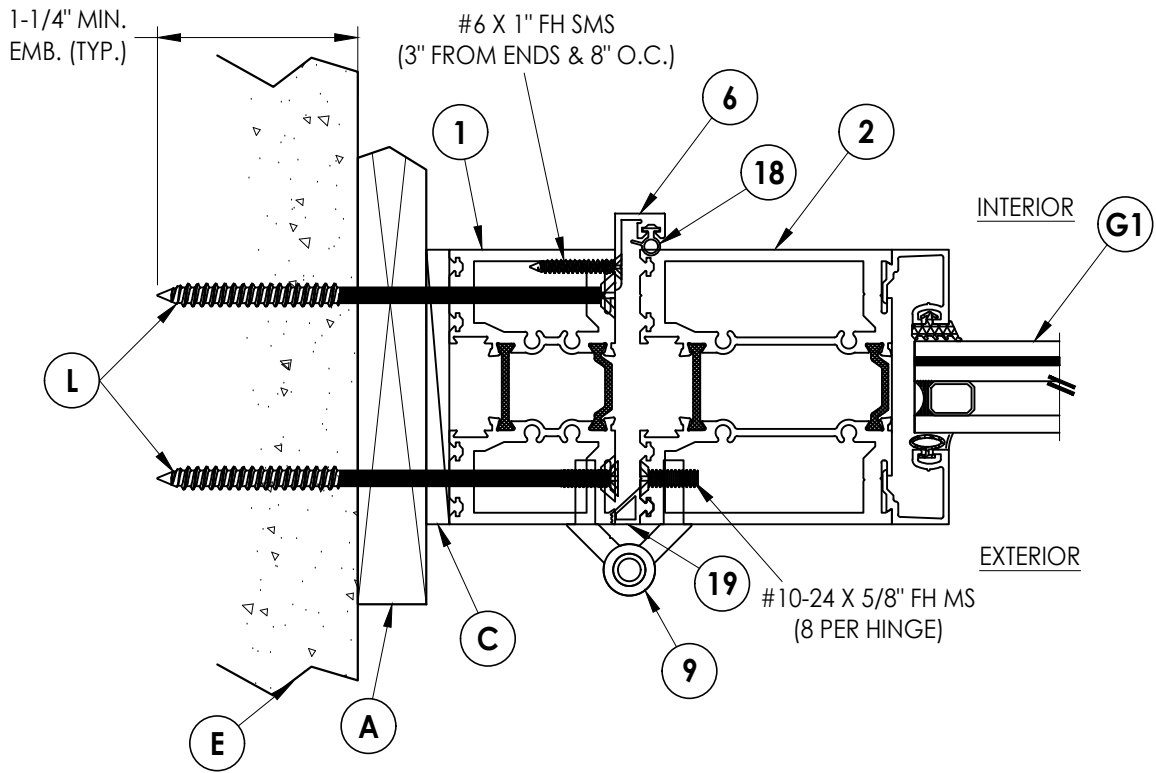
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SHEET 4 OF 10

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1
5 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck



2
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck

DATE: 2/07/24

SCALE: N.T.S.

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SHEET 5 OF 10

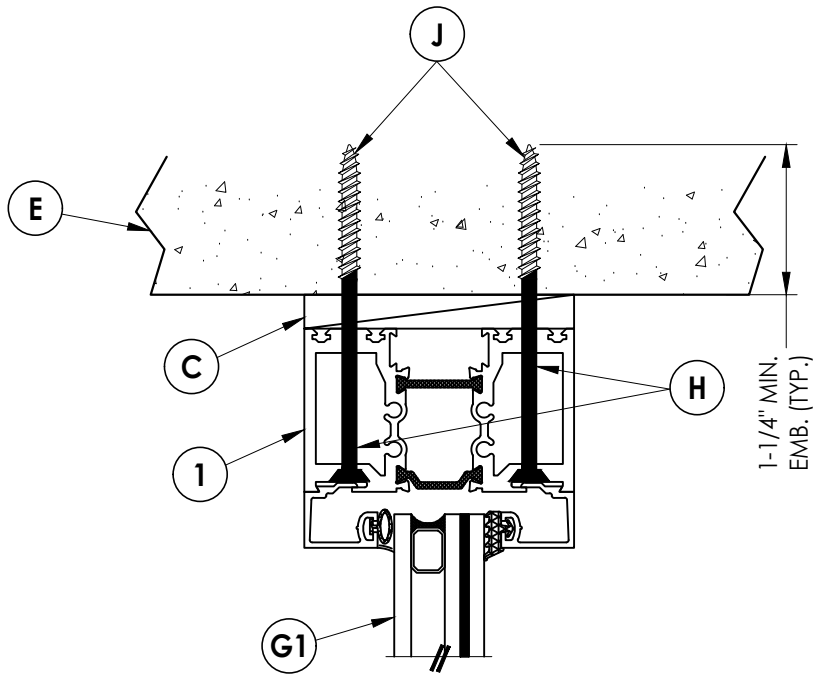
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PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

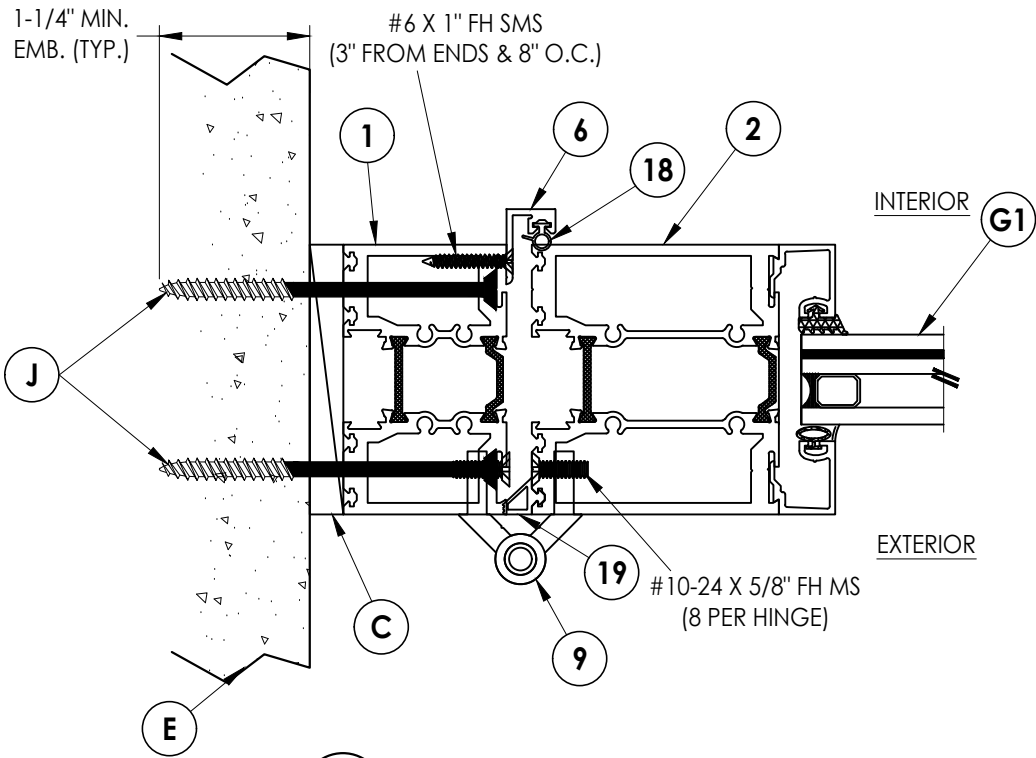
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1
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry



2
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry

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		BY

DATE: 2/07/24

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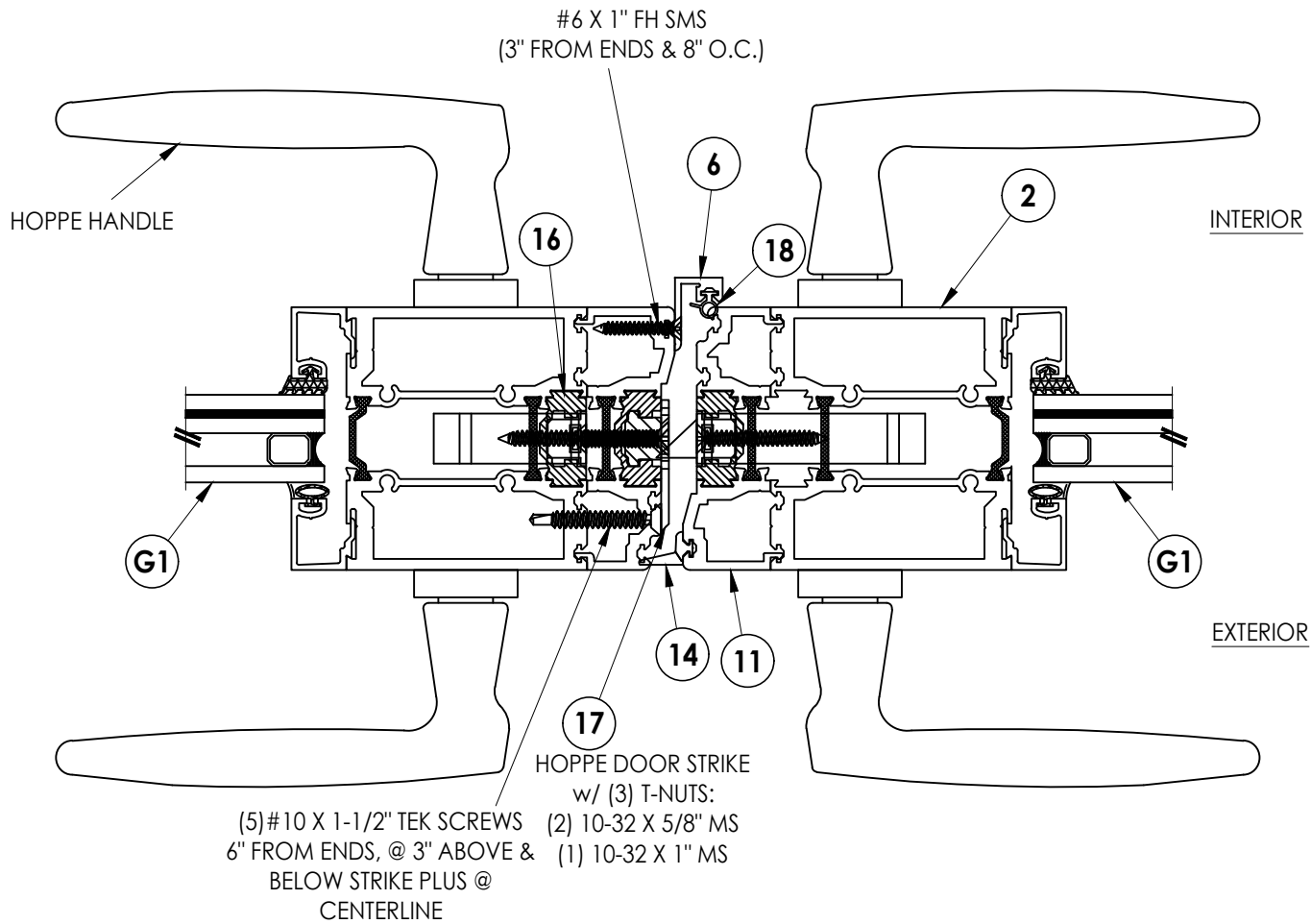
SHEET 6 OF 10

PRODUCT:	PRODUCT:
THERMA-TRU	THERMA-TRU
PART OR ASSEMBLY:	PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)

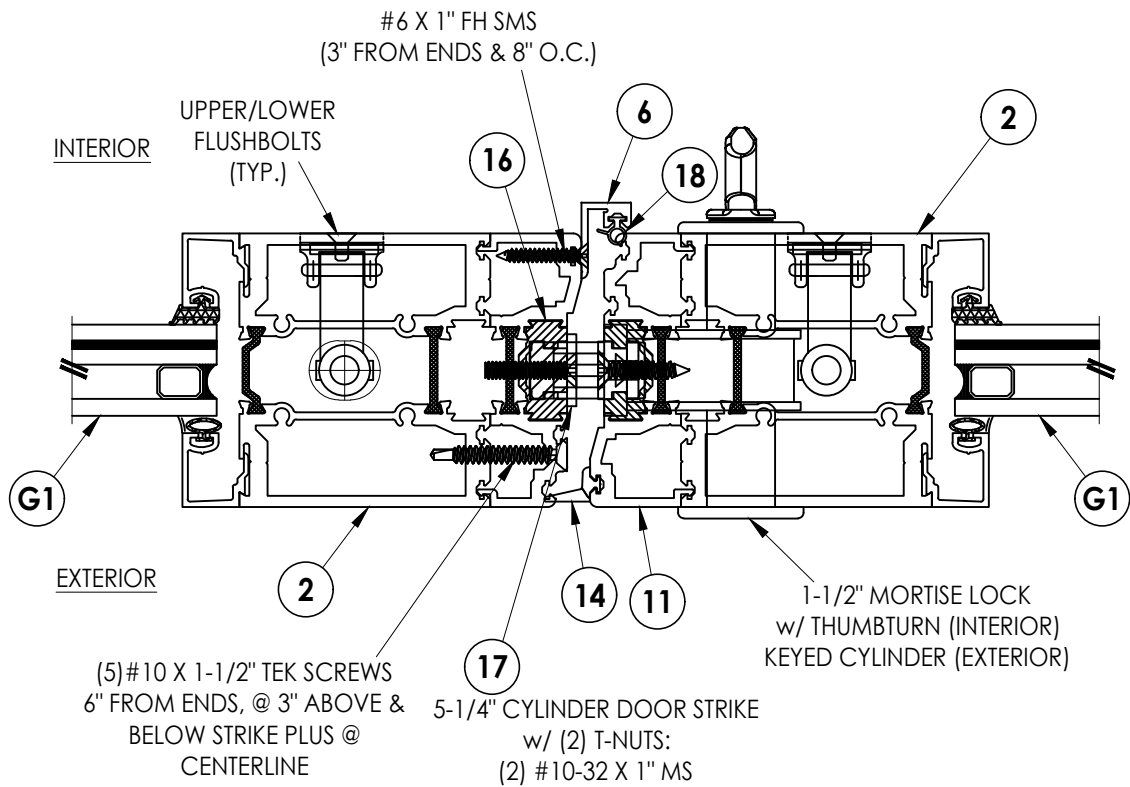
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1
7 HORIZONTAL CROSS SECTION



2
7 HORIZONTAL CROSS SECTION

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PRODUCT: THERMA-TRU

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
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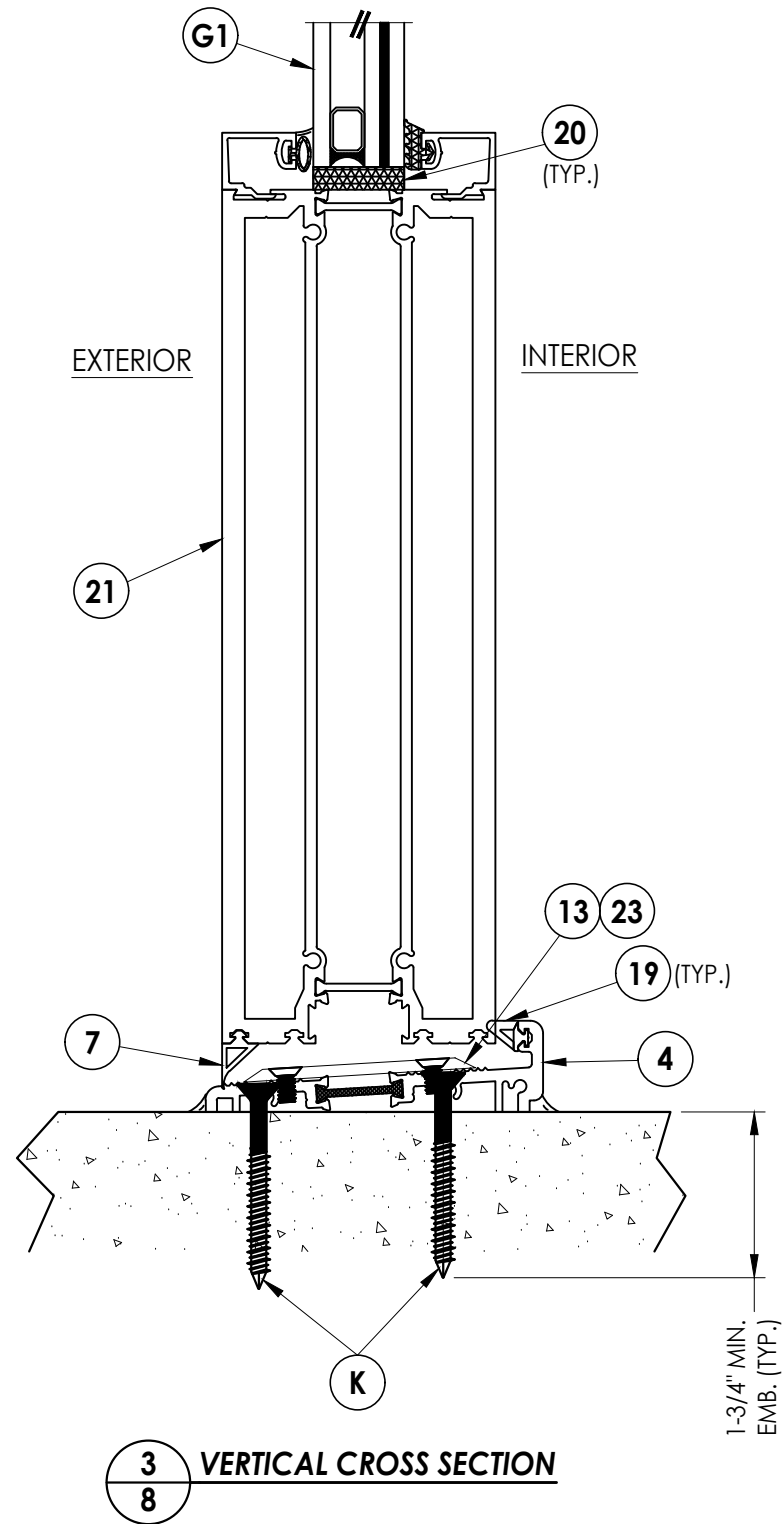
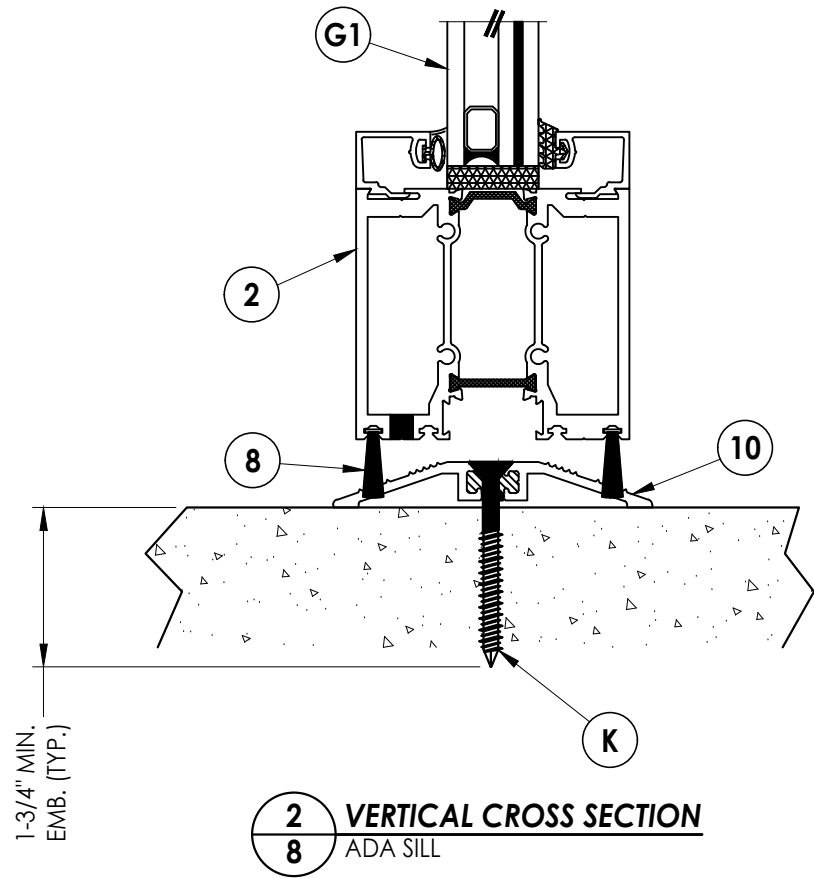
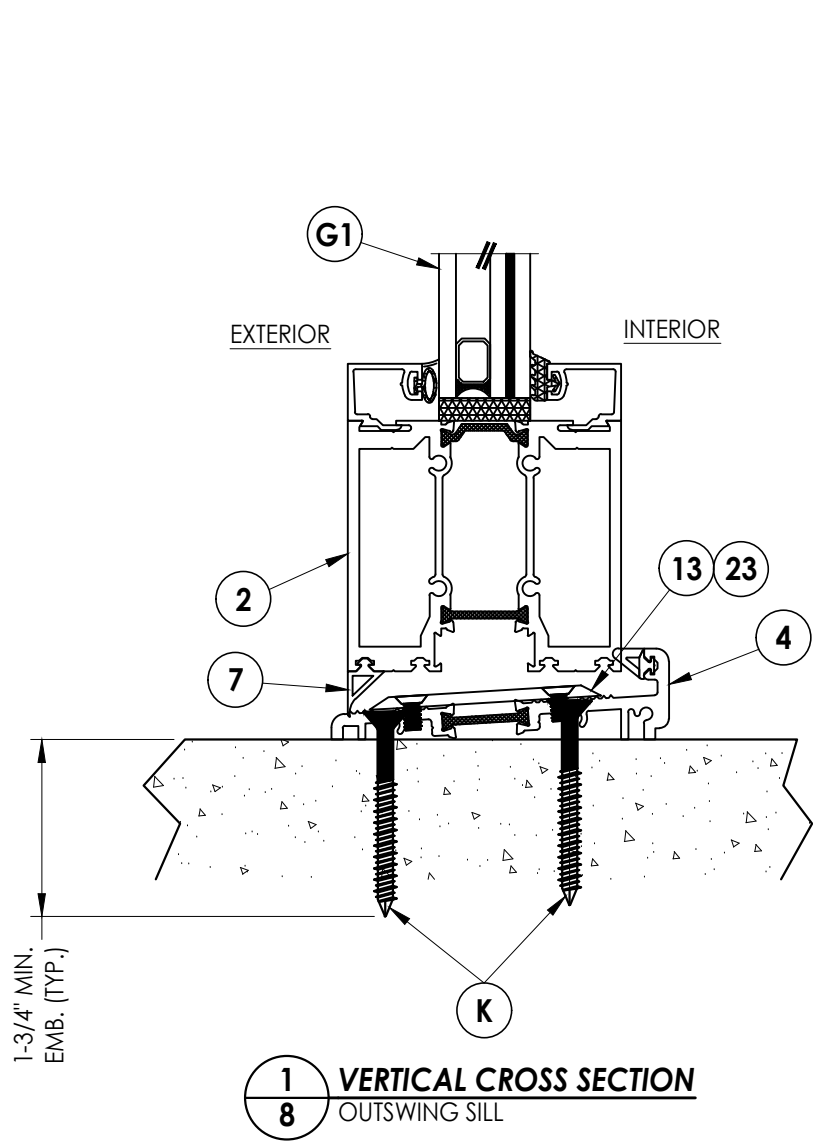
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NO.	DATE	REVISIONS
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PRODUCT: THERMA-TRU
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

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

Technical drawing of a window frame assembly, showing various components and dimensions. The drawing includes a cross-section of the window frame and a side view of the jamb.

Components and Dimensions:

- HEAD:** Indicated at the top of the frame.
- 13" MAX. O.C. (TYP.):** Dimension for the spacing of the top rail.
- 6" (TYP.):** Dimension for the spacing of the top rail.
- 6" (TYP.):** Dimension for the spacing of the top rail.
- TRANSOM:** Indicated on the right side of the frame.
- 3" (TYP.):** Dimension for the spacing of the transom.
- 13.5" O.C. (TYP.):** Dimension for the spacing of the transom.
- FRAME (TYP.):** Indicated on the left side of the frame.
- HEAD STRIKE PLATE(S) ATTACHED w/ (4) #10-24 X 1/2" MS:** Indicated on the top rail.
- SILL STRIKE PLATE ATTACHED w/ (4) #10-24 X 3/8" MS:** Indicated on the bottom rail.
- SILL (TYP.):** Indicated on the bottom rail.
- JAMBS:** Indicated on the right side of the frame.

Callouts:

- H:** 2X BUCK
- L:** 1X BUCK
- J:** DIRECT TO MASONRY
- K:** SILL (TYP.)

Dimensions:

- 6" (TYP.)
- 7" (TYP.)
- 13" (TYP.)
- 5" (TYP.)

Notes:

- HEAD
- TRANSOM
- JAMBS

FRAME ANCHORING

PRODUCT: THERMA TRU		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	
1	7/03/26	UPDATE TO 9TH ED. (2026)	FBC
NO.	DATE		
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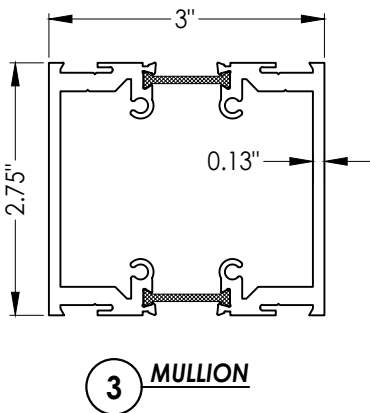
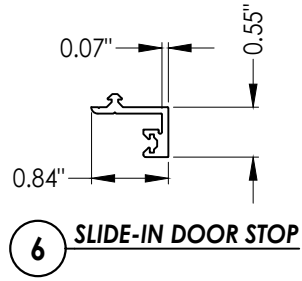
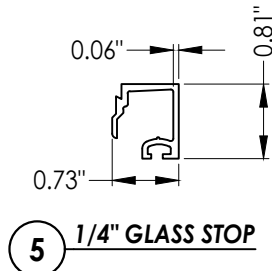
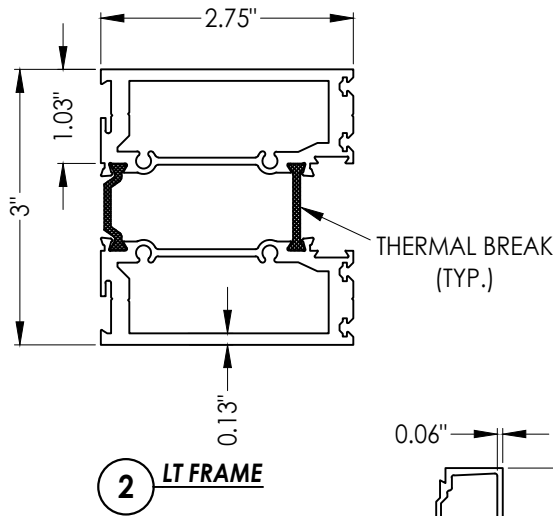
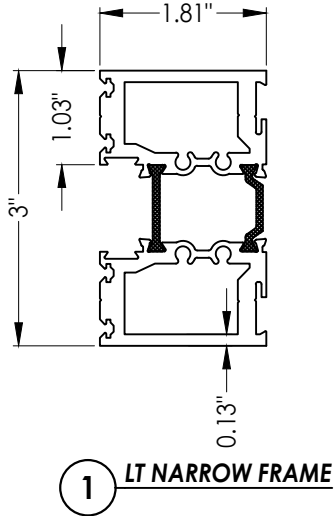
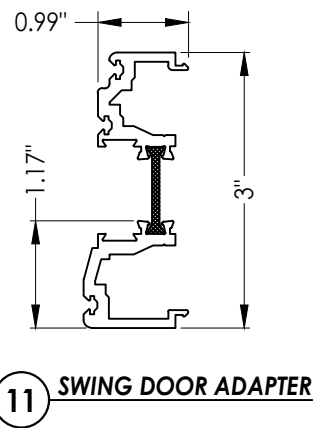
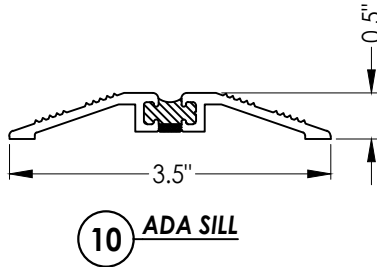
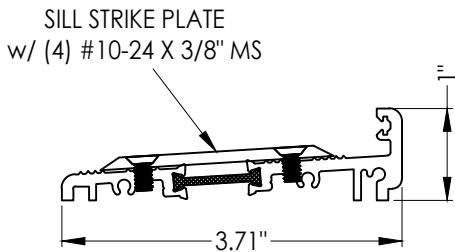
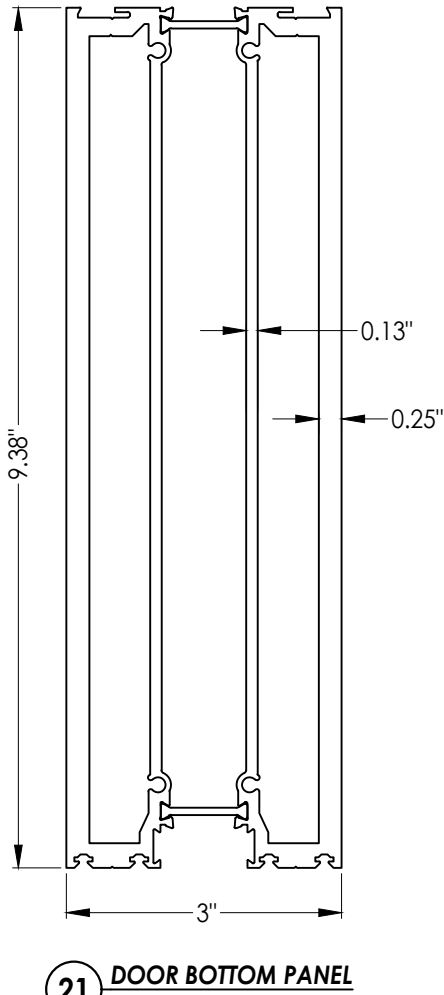
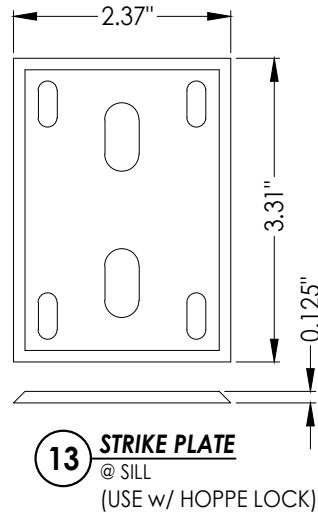
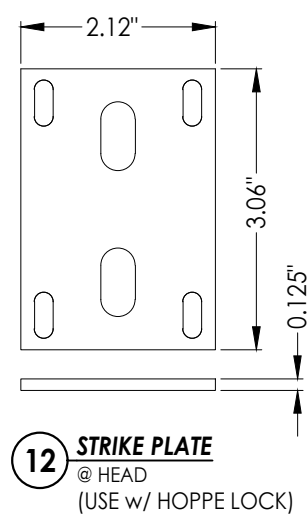
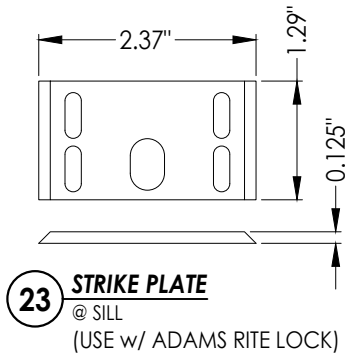
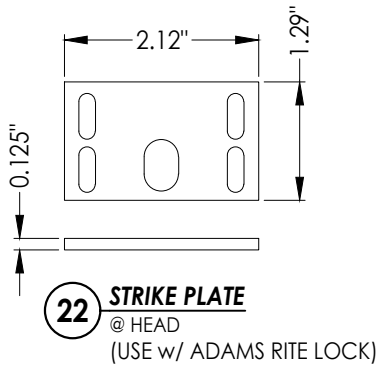
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	3/8" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
H	#14 X 3-1/2" FH SMS (1-1/4" MIN. EMBEDMENT)	S.S.
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	1/4" X 5" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	LT NARROW FRAME	6063-T6 ALUM
2	LT FRAME	6063-T6 ALUM
3	MULLION	6063-T6 ALUM
4	OUTSWING SILL	6063-T6 ALUM
5	1/4" GLASS STOP	6063-T6 ALUM
6	SLIDE-IN DOOR STOP	6063-T5 ALUM
8	3/4" BRUSH WEATHERSTRIP	-
9	SEMI-CONCEALED HINGE	6105-T5 ALUM
10	ADA SILL	6063-T5 ALUM
11	SWING DOOR ADAPTER	6063-T6 ALUM
12	STRIKE PLATE (@ HEAD)	S.S.
13	STRIKE PLATE (@ SILL)	S.S.
14	DOOR SWEEP FOAM GASKET	-
16	16mm EUROGROOVE	-
17	HOPPE DOOR STRIKE	S.S.
18	BULB GASKET	-
19	DOOR GASKET	-
20	SETTING BLOCK	-
21	DOOR BOTTOM PANEL	6063-T6 ALUM
20	REINFORCEMENT (0.12" X 1.08" X 95")	6063-T6 ALUM
22	STRIKE PLATE (@ HEAD)	S.S.
23	STRIKE PLATE (@ SILL)	S.S.

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.



PRODUCT: THERMA TRU		PART OR ASSEMBLY: BILL OF MATERIAL & COMPONENTS	
		LFS	BY
		UPDATE TO 9TH ED. (2026) FBC	
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DATE: 2/07/24			
SCALE: N.T.S.			
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DRAWING NO.: FL-46172.8			
SHEET 10 OF 10			