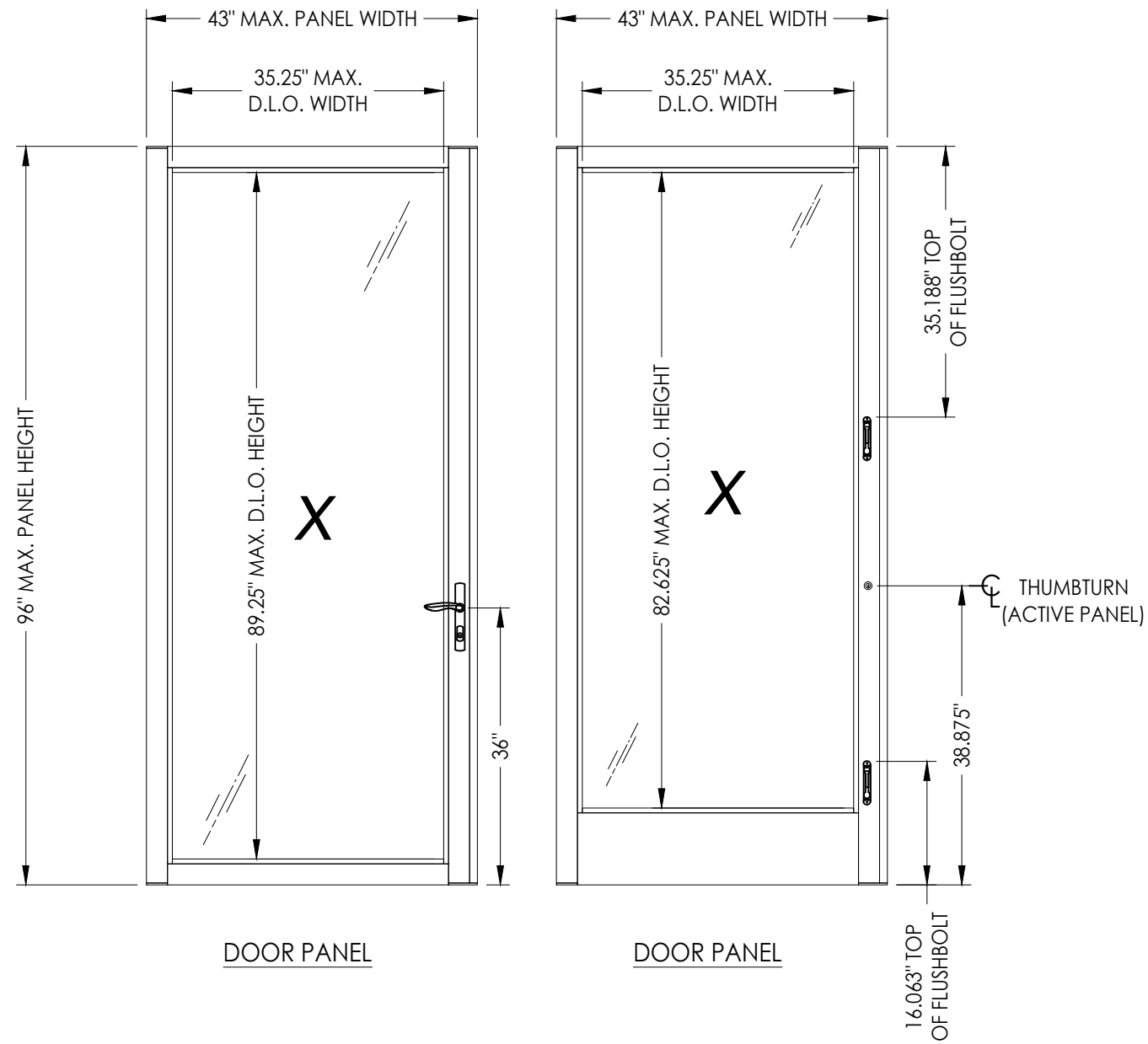




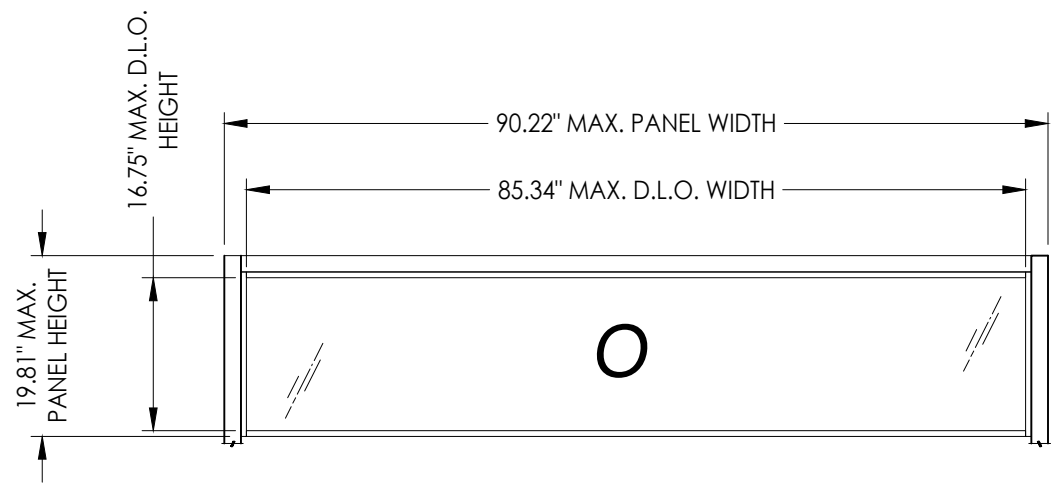
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door & Transom Panels & Glazing Details
3	Elevations
4	Horizontal & Vertical Cross Sections (2X Buck)
5	Horizontal & Vertical Cross Sections (1X Buck)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
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
	90.22" x 119.69"	35.25" X 89.25"	85.34" X 16.75"	+50.0	-50.0

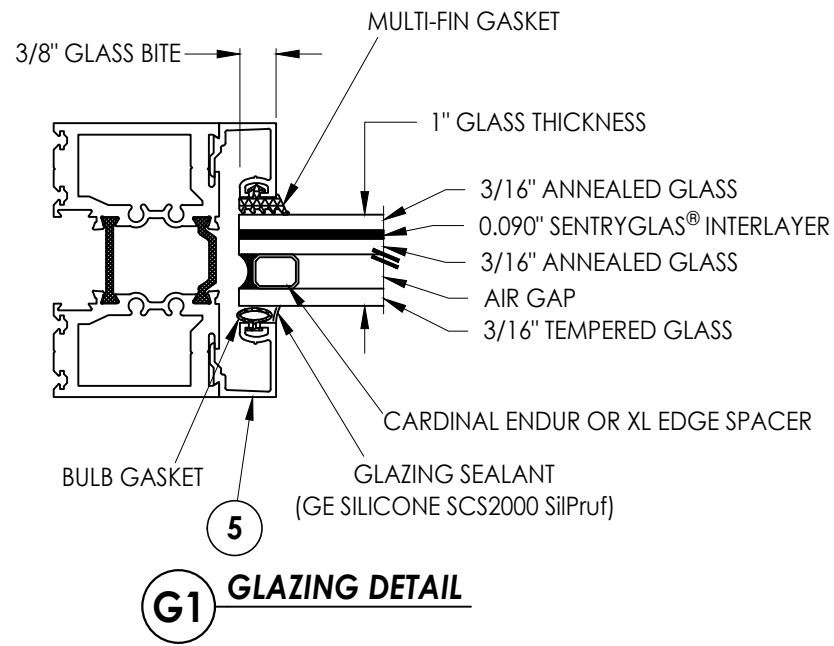
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DRAWING NO.:	FL-46173.12
SHEET	1 OF 10



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

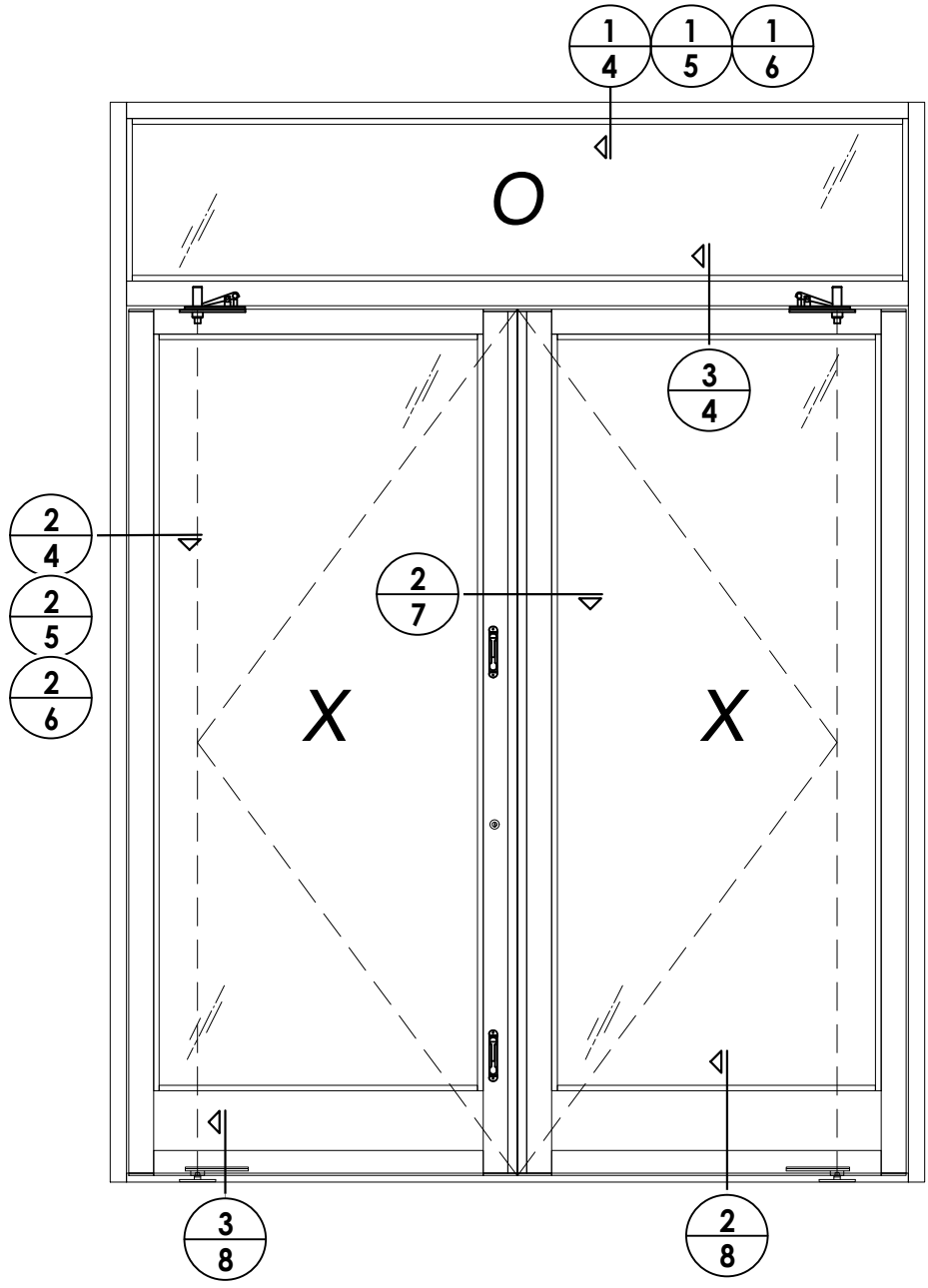
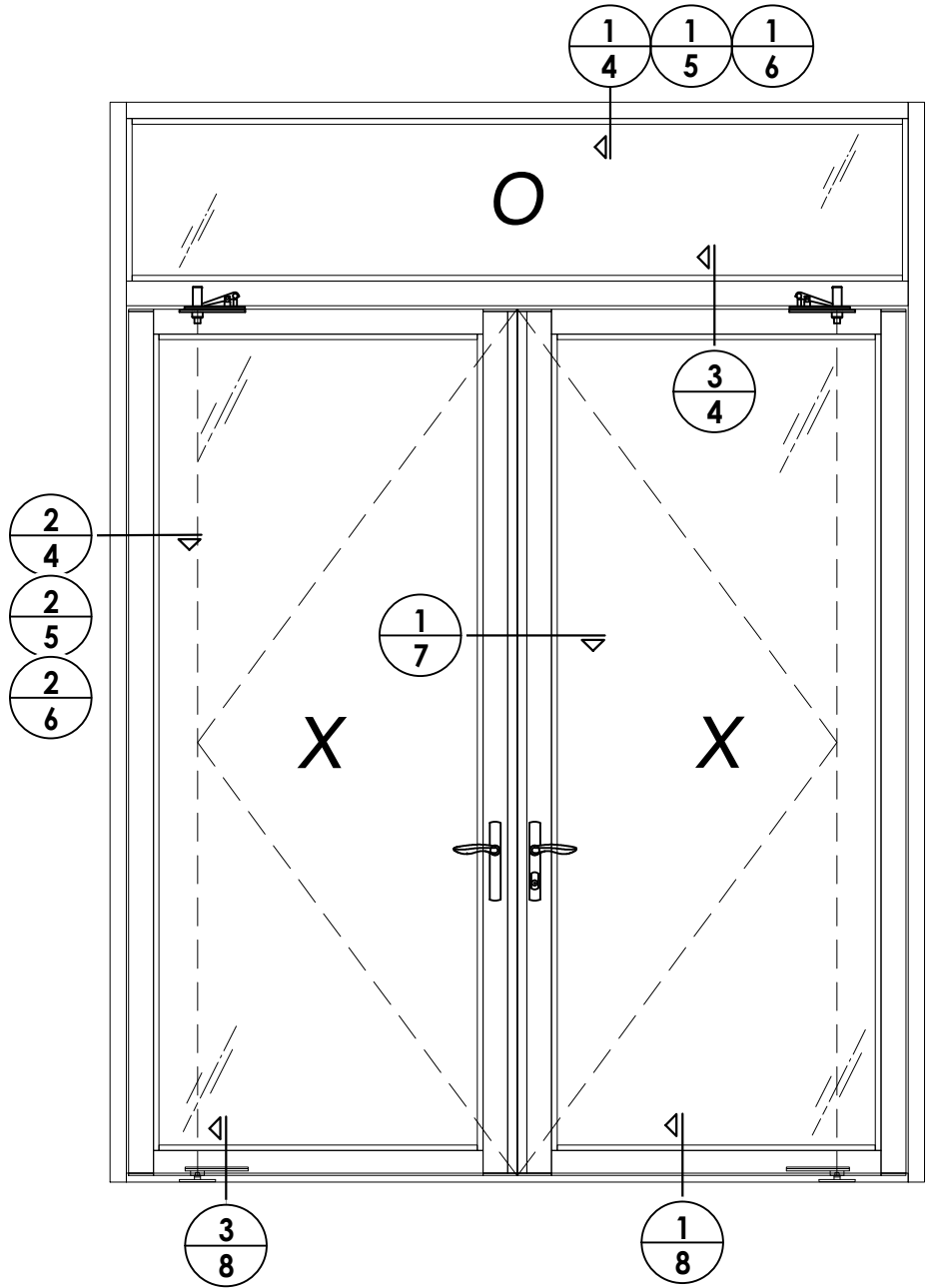


TRANSOM PANEL



NOTE: GLAZING > 36" WIDE REQUIRES AT LEAST TWO (2) SETTING
BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.

DATE: 2/07/24		PRODUCT: THERMA-TRU		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			
SCALE: N.T.S.		PART OR ASSEMBLY: DOOR & TRANSOM PANELS & GLAZING DETAILS		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-46173.12							
SHEET 2 OF 10							
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DRAWING NO.: FL-46173.12
SHEET 3 OF 10

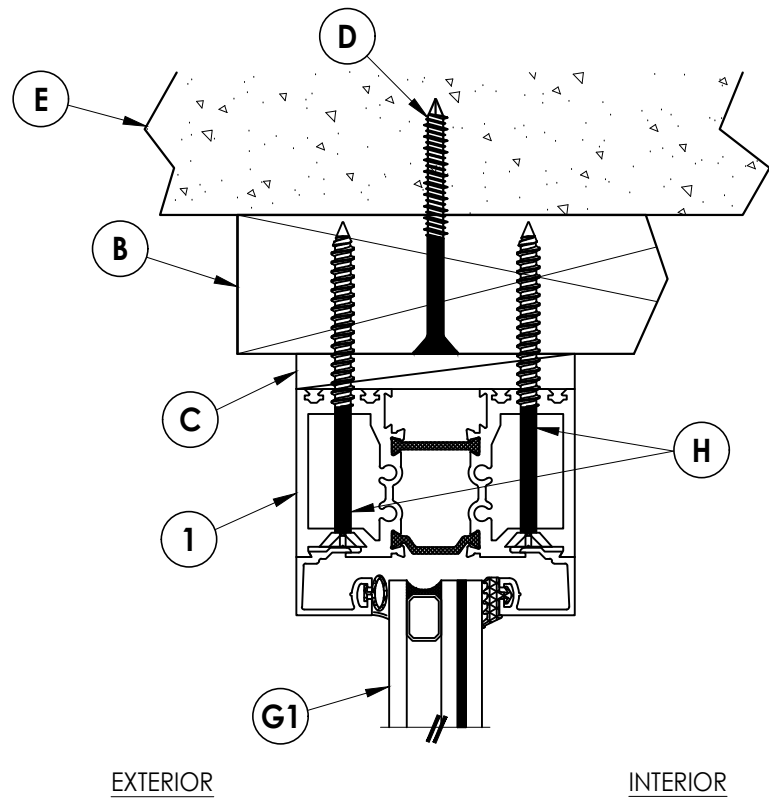
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NO.	DATE
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	UPDATE TO 9TH ED. (2026)
	FBC
	LFS
	BY

PRODUCT:	THERMA-TRU
PART OR ASSEMBLY:	ELEVATIONS

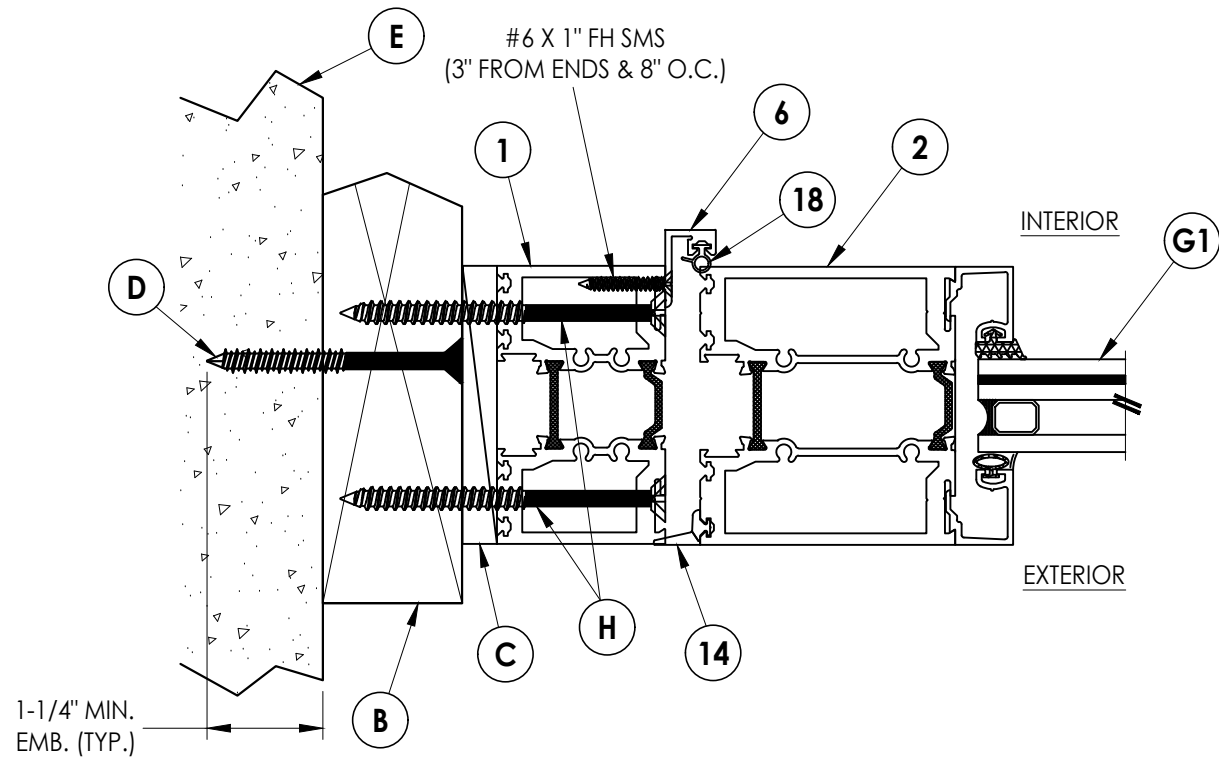
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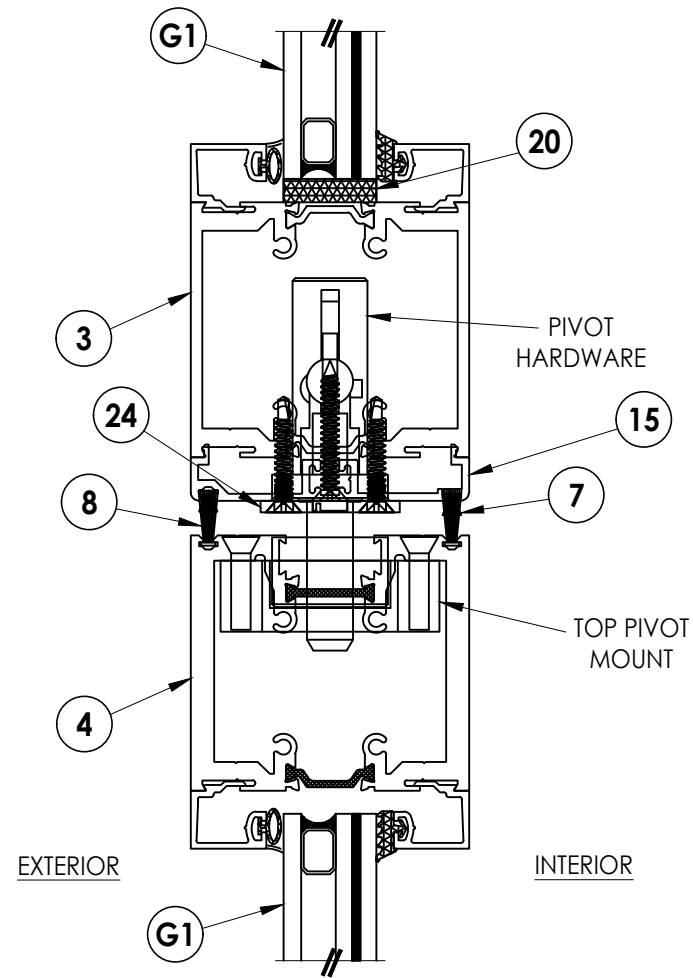
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1
4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



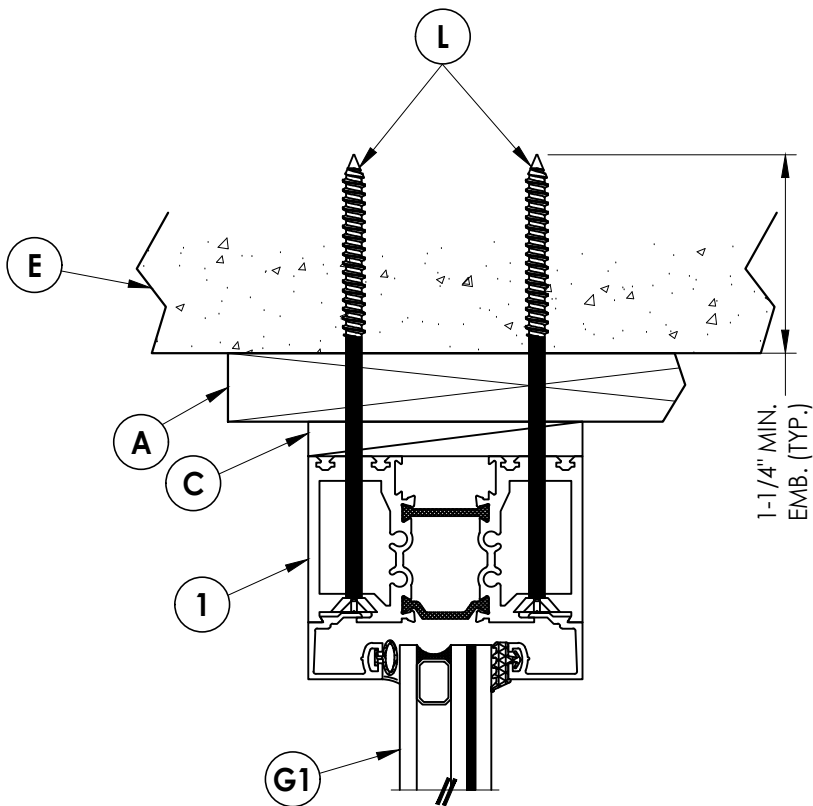
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4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



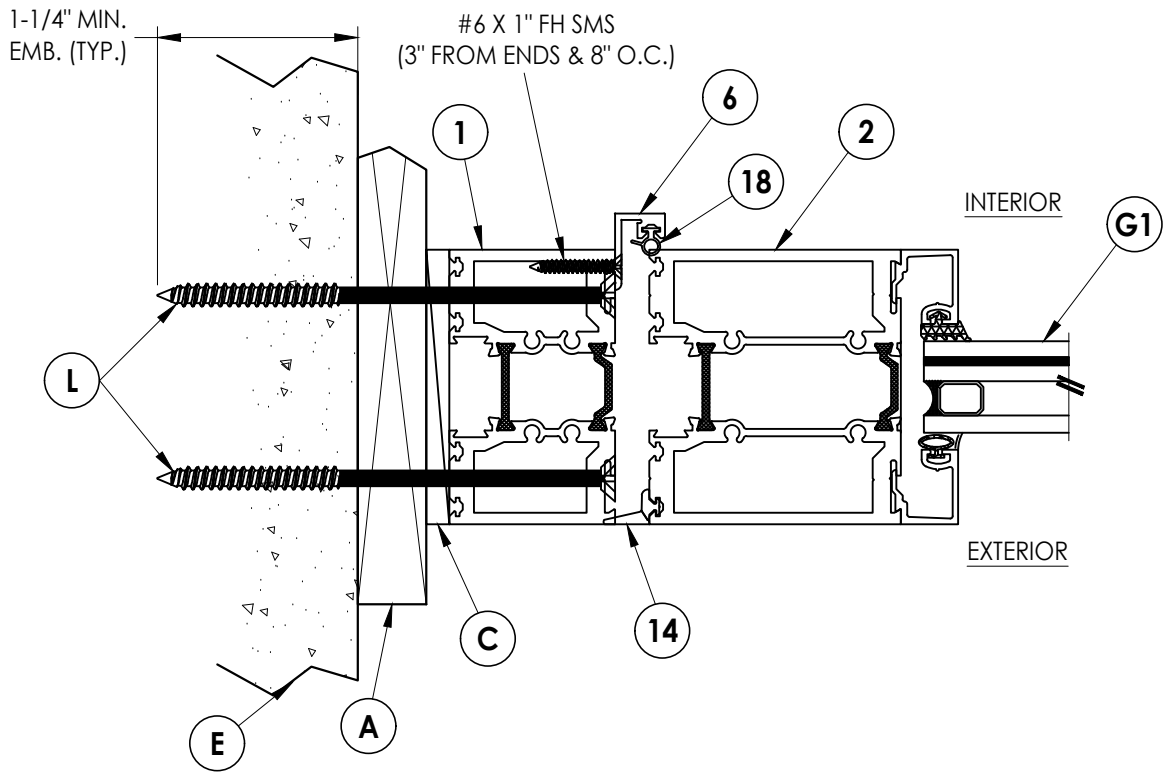
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4 **VERTICAL CROSS SECTION**

PRODUCT: THERMA-TRU		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
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REVISIONS			
DATE: 2/07/24			
SCALE: N.T.S.			
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DRAWING NO.: FL-46173.12			
SHEET 4 OF 10			

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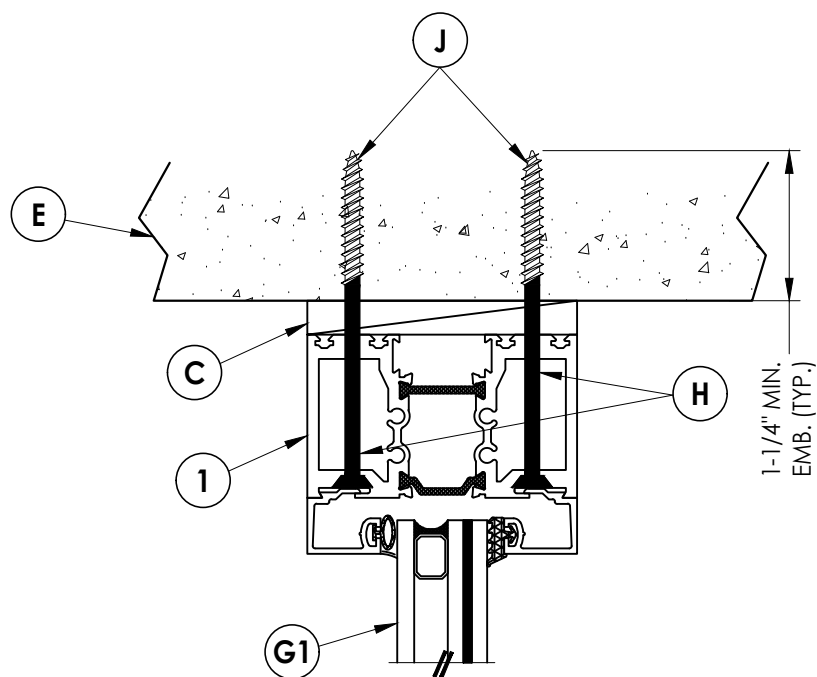


1
5 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck

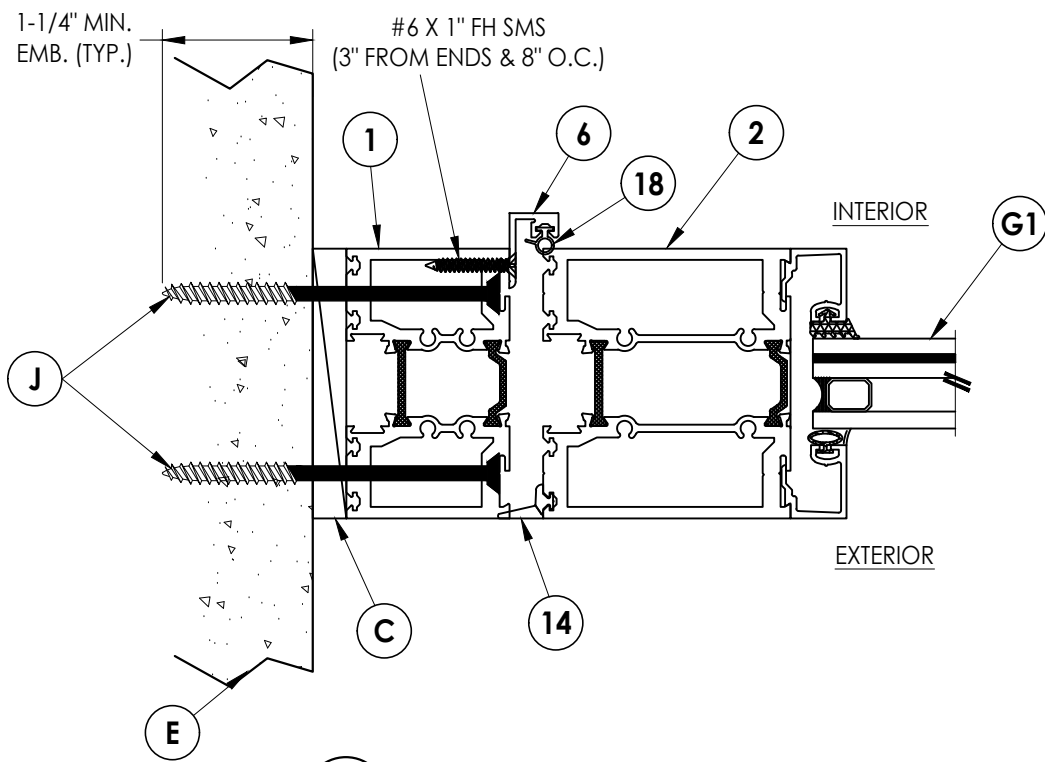


2
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck

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				REVISIONS			
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				NO.	DATE		BY
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DRAWING NO.: FL-46173.12							
SHEET 5 OF 10							



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



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

[illegible]

DATE:	2/07/24
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CHK. BY:	RW
DRAWING NO.:	FL-46173.12
SHEET	<u>6</u> OF <u>10</u>

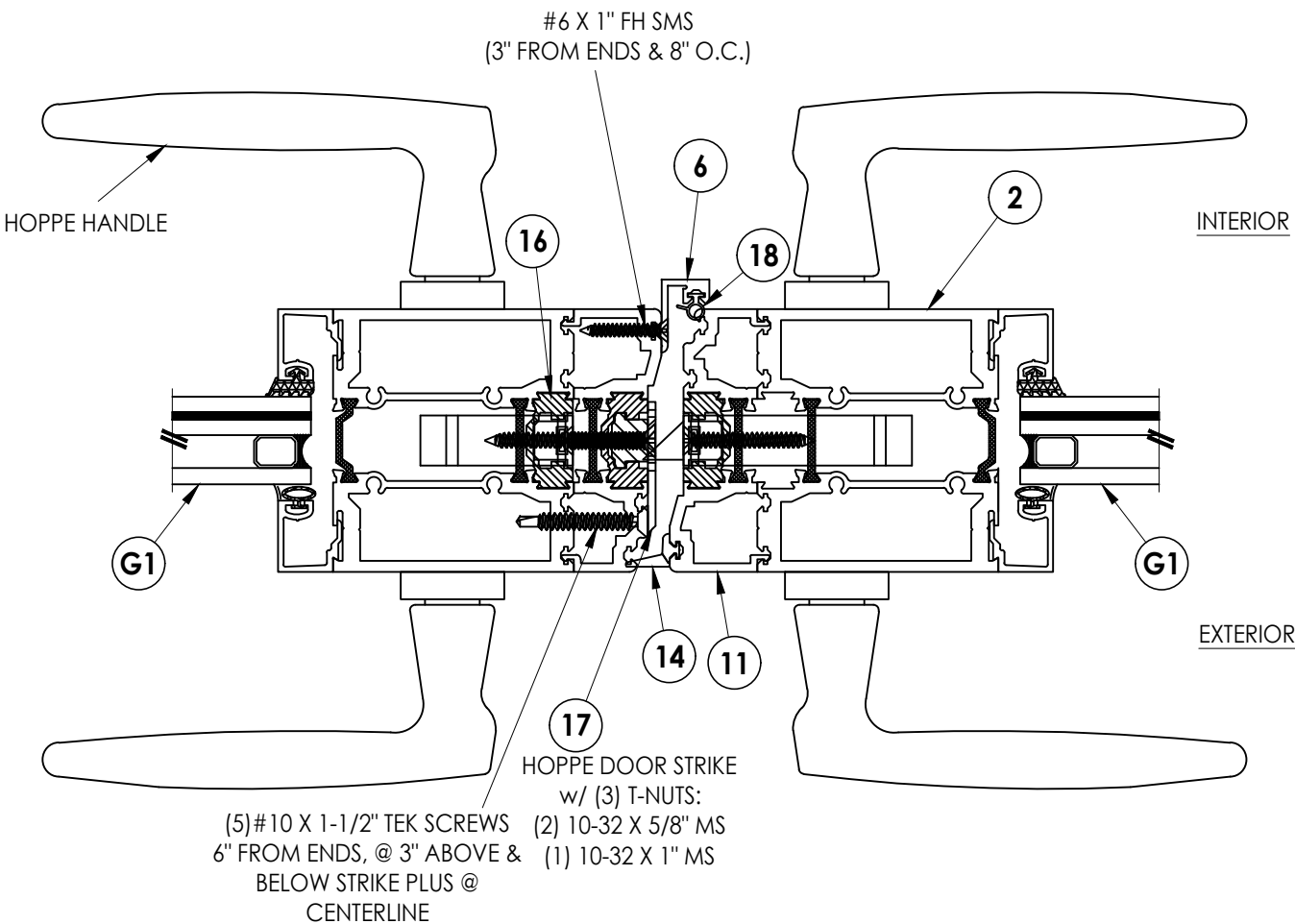
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PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)

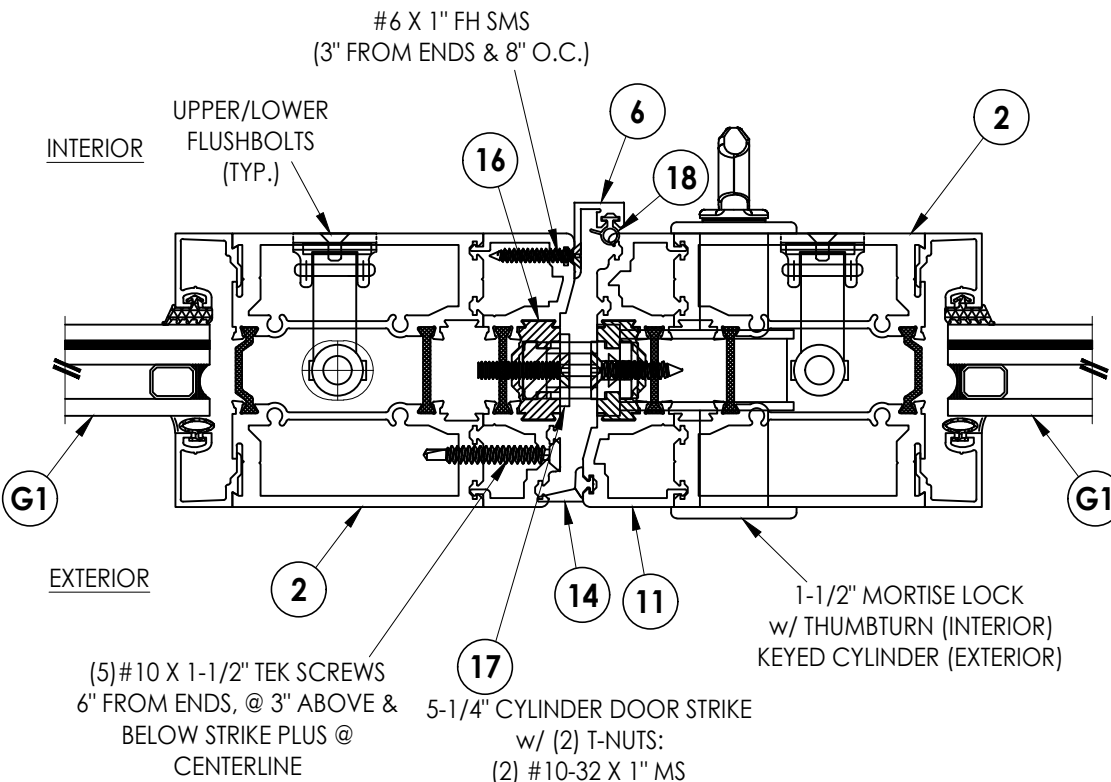
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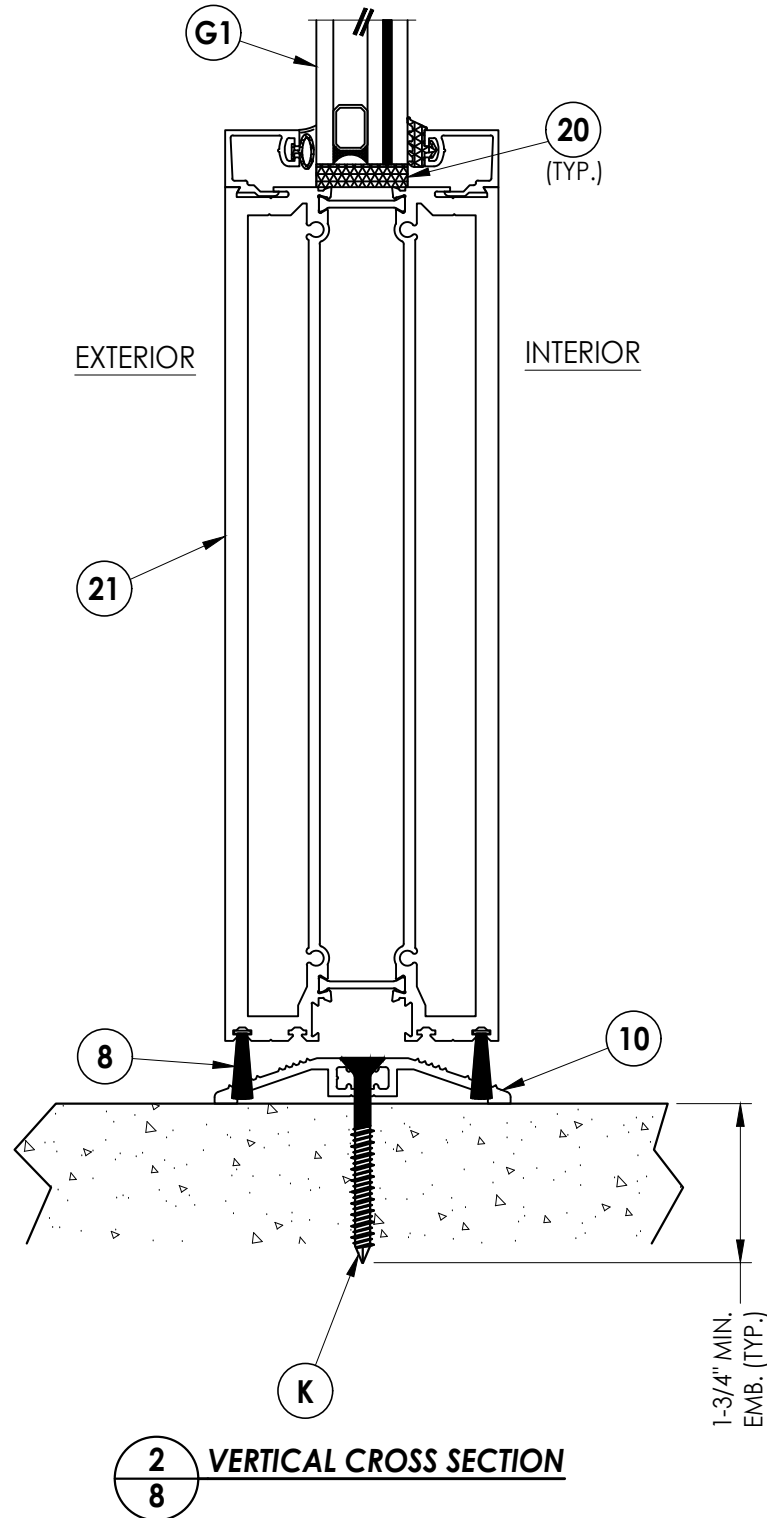
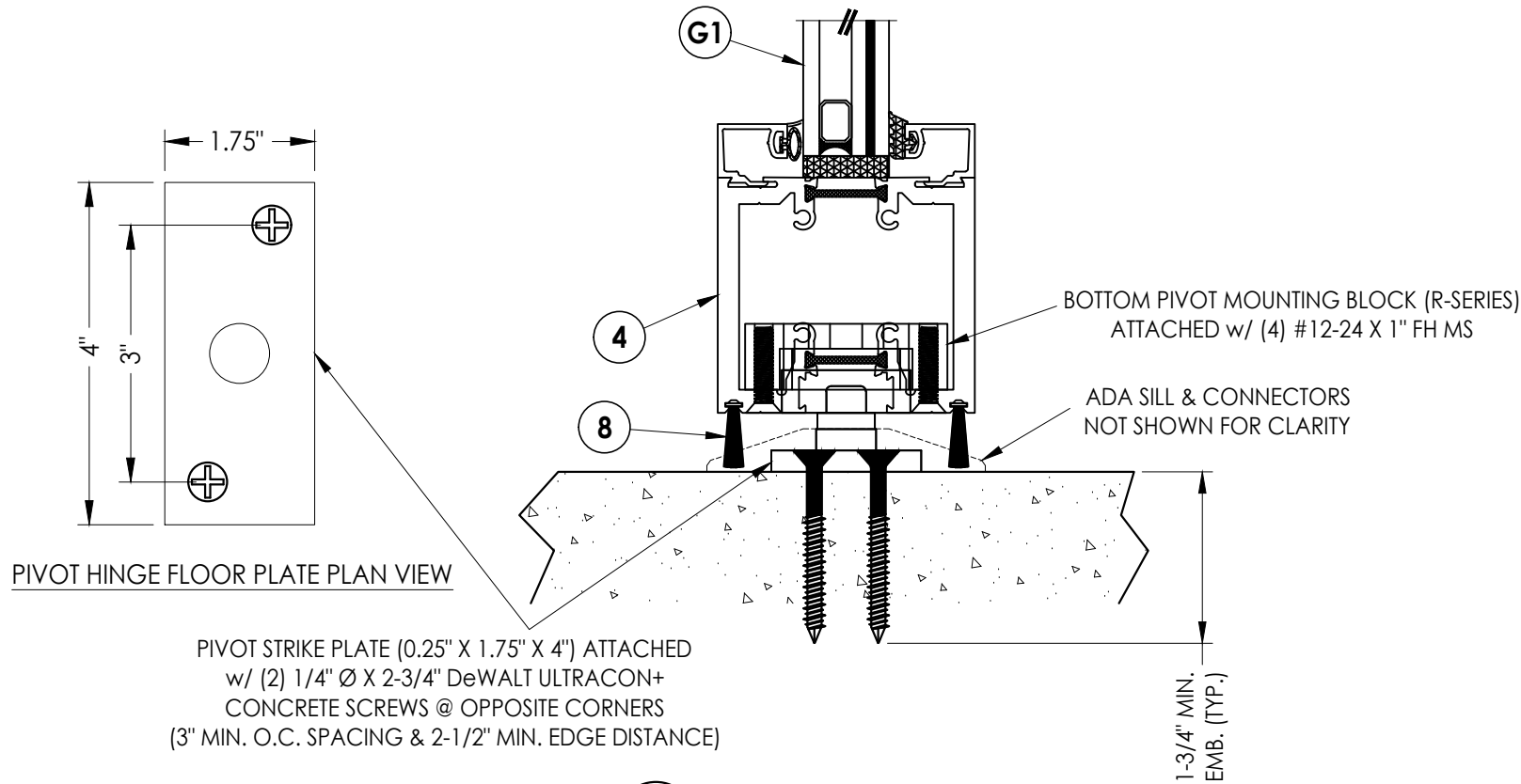
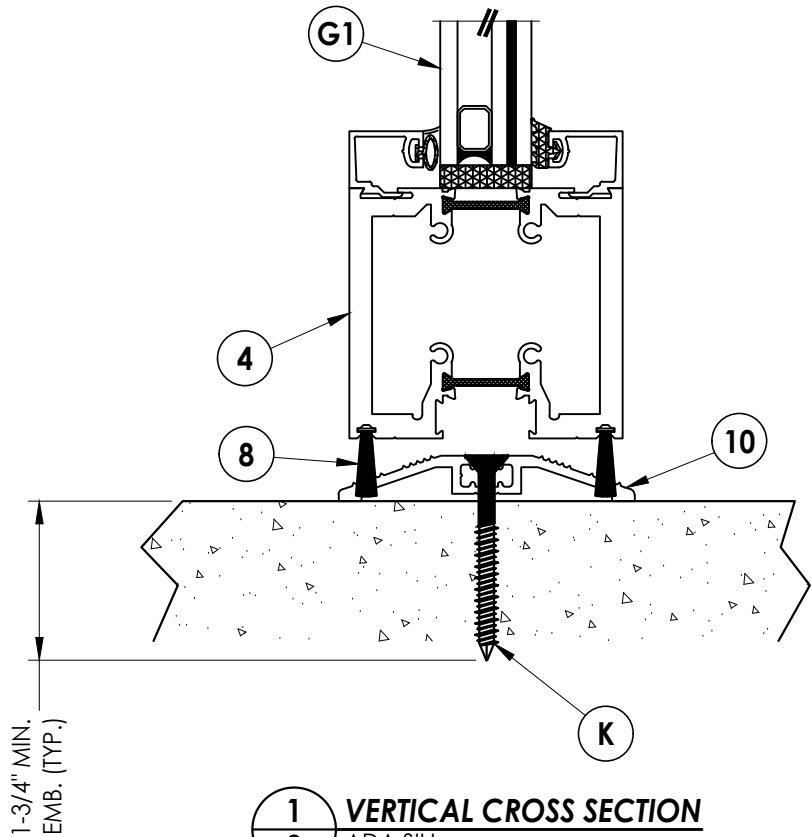
1
7 HORIZONTAL CROSS SECTION



2
7 HORIZONTAL CROSS SECTION

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		REVISIONS	
		NO.	DATE
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		UPDATE TO 9TH ED. (2026)	FBC
		LFS	BY
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PRODUCT: THERMA-TRU

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

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
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		BY

DATE: 2/07/24

SCALE: N.T.S.

DWG. BY: JK

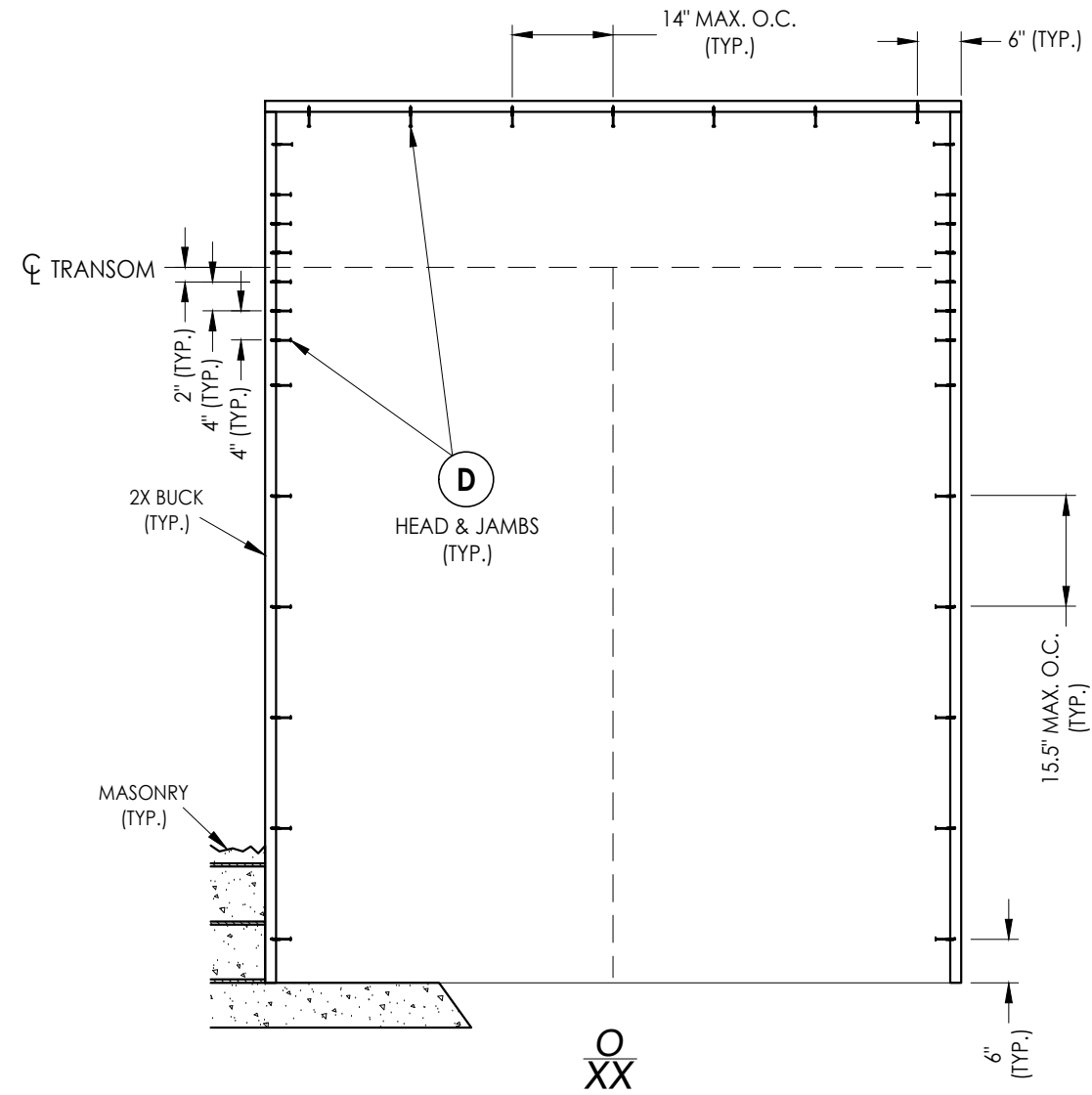
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FL-46173.12

SHEET 8 OF 10

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2X BUCK ANCHORING

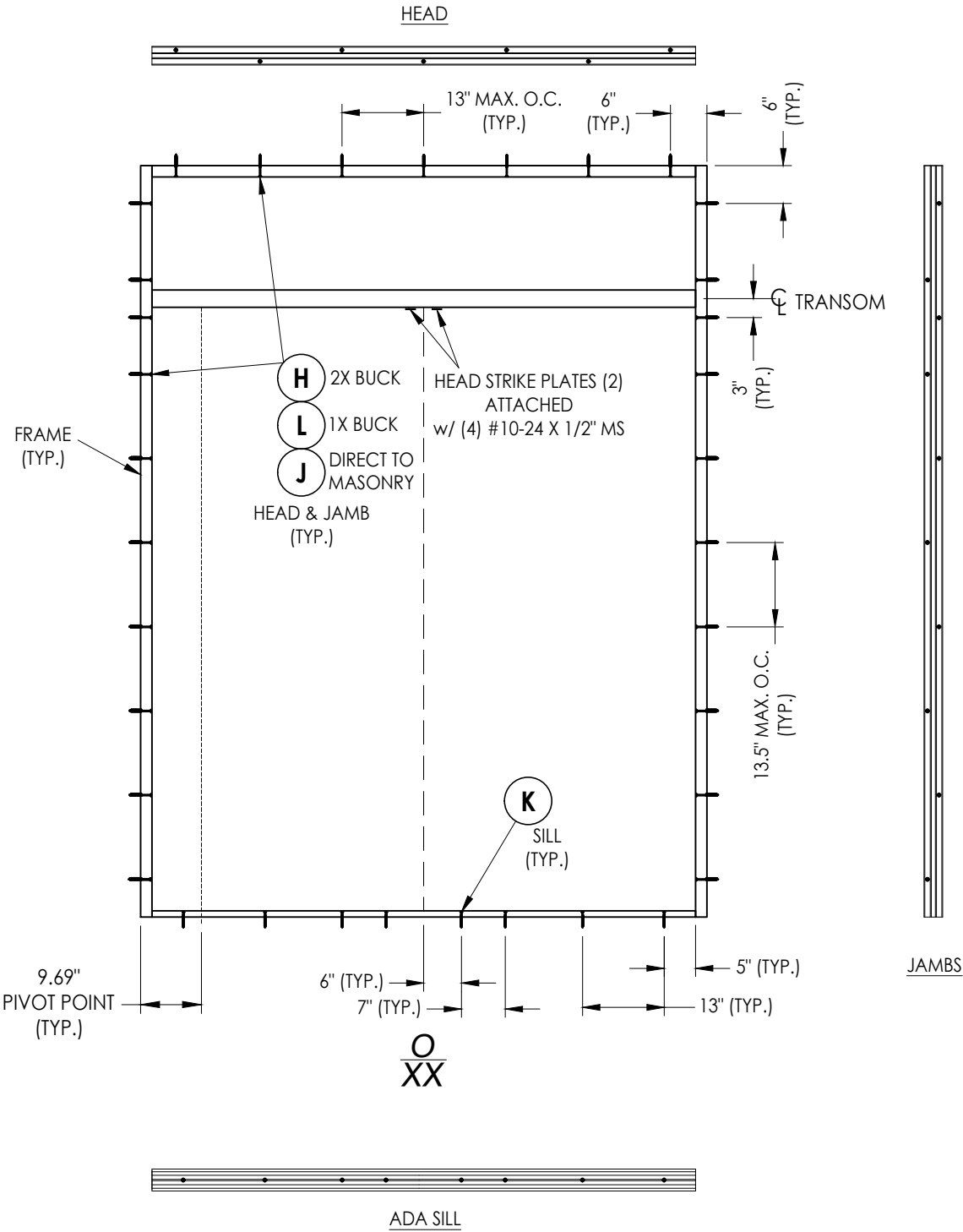
CONCRETE ANCHOR NOTES:

- 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" 1-3/4" (SILL)	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4" 1-3/4" (SILL)	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.



FRAME ANCHORING

NOTE: ALL FRAME ANCHORS SHOWN ARE STAGGERED EXCEPT FOR THE ADA SILL ANCHORS (SEE CROSS-SECTIONS)

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

PRODUCT:
THERMA TRU

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

DATE: 2/07/24

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: RW

DRAWING NO.: FL-46173.12

SHEET 9 OF 10

REVISIONS

NO.	DATE	DESCRIPTION
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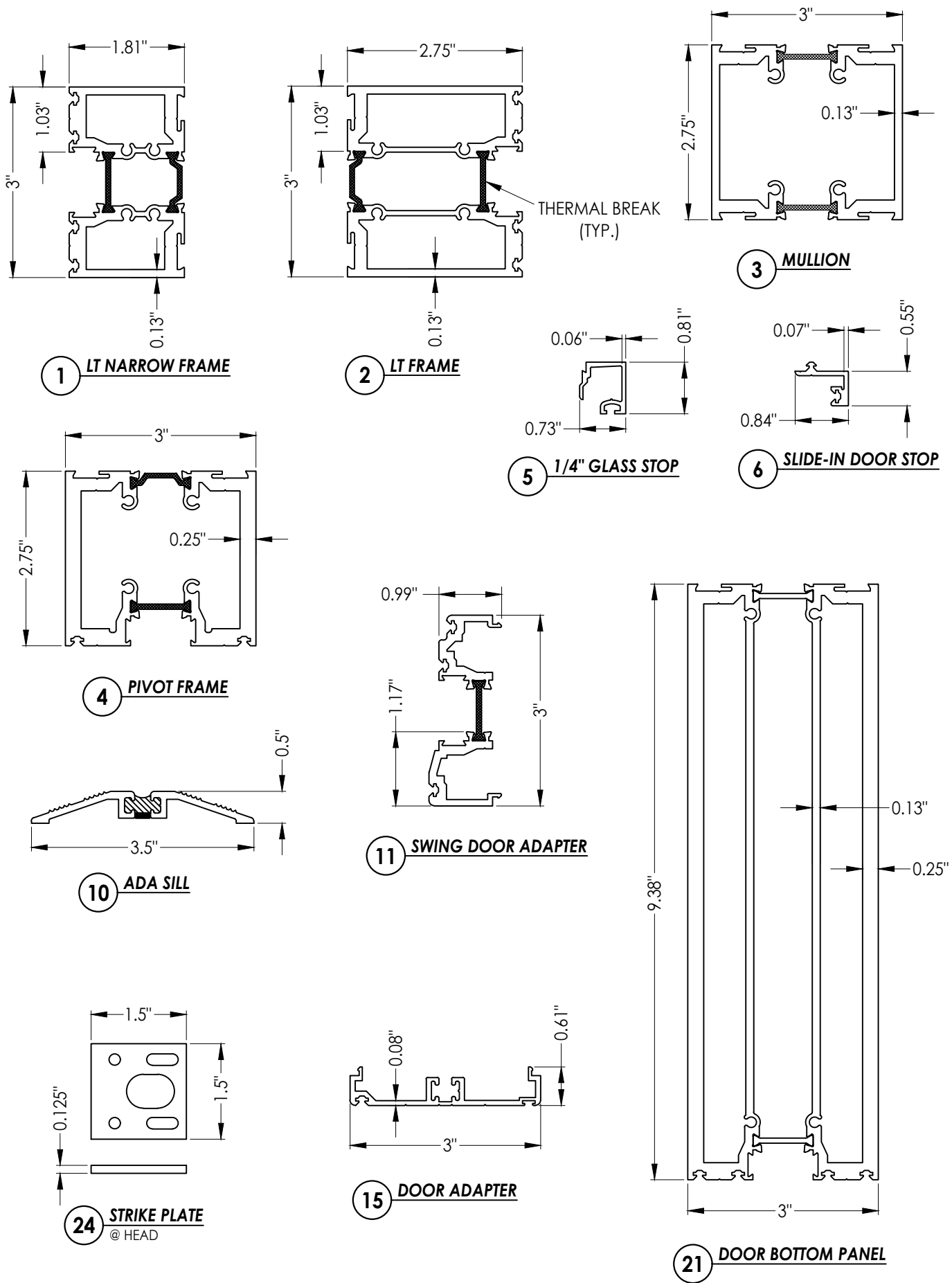
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	3/8" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW 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	PIVOT FRAME	6063-T6 ALUM
5	1/4" GLASS STOP	6063-T6 ALUM
6	SLIDE-IN DOOR STOP	6063-T5 ALUM
7	FELT WEATHERSTRIP	-
8	3/4" BRUSH WEATHERSTRIP	-
10	ADA SILL	6063-T5 ALUM
11	SWING DOOR ADAPTER	6063-T6 ALUM
14	DOOR SWEEP FOAM GASKET	-
15	DOOR ADAPTER	6063-T6 ALUM
16	16mm EUROGROOVE	-
17	HOPPE DOOR STRIKE	S.S.
18	BULB GASKET	-
20	SETTING BLOCK	-
21	DOOR BOTTOM PANEL	6063-T6 ALUM
24	STRIKE PLATE (@ HEAD)	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.



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PRODUCT: THERMA TRU		PART OR ASSEMBLY: BILL OF MATERIAL & COMPONENTS	
		LFS	BY
		UPDATE TO 9TH ED. (2026) FBC	
1	7/03/26	NO. DATE	REVISIONS
DATE: 2/07/24			
SCALE: N.T.S.			
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CHK. BY: RW			
DRAWING NO.: FL-46173.12			
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