

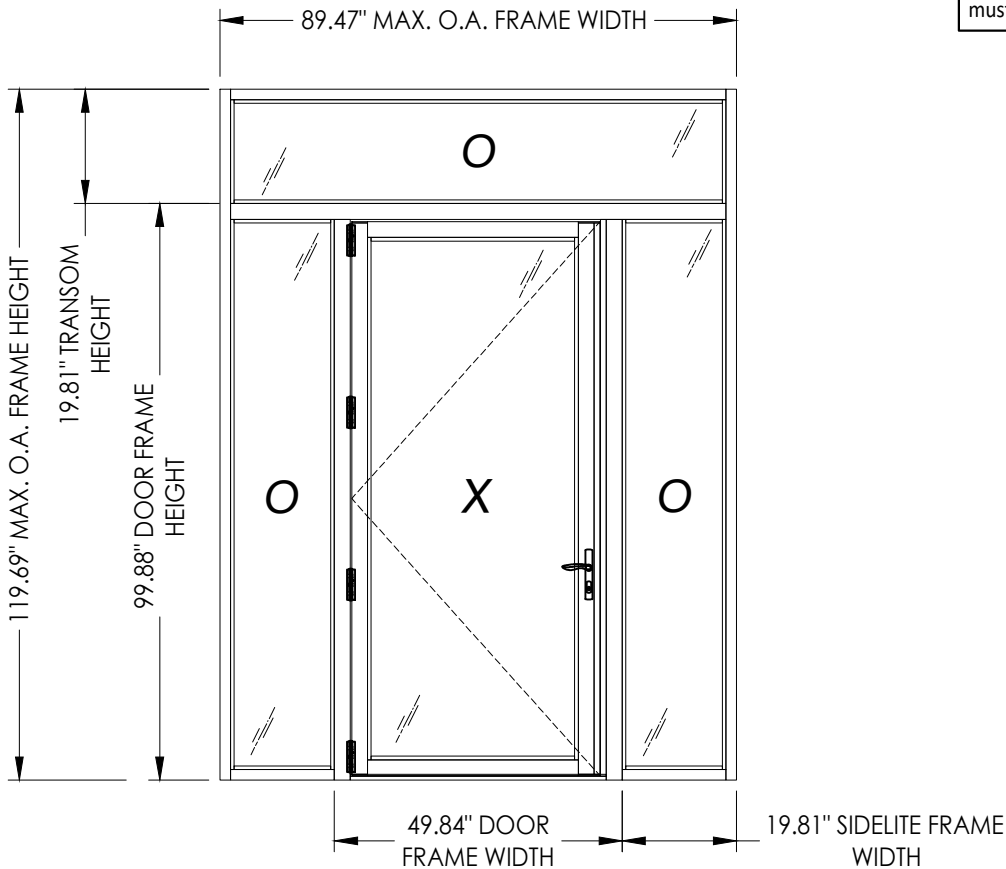
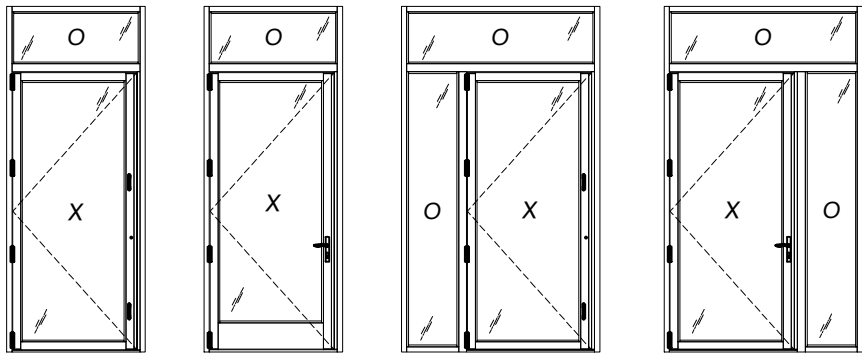


"VERIS V3" GLAZED ALUMINUM DOOR
SINGLE w/ or w/out SIDELITE(S)
w/ TRANSOM
OUTSWING
"NON-IMPACT"

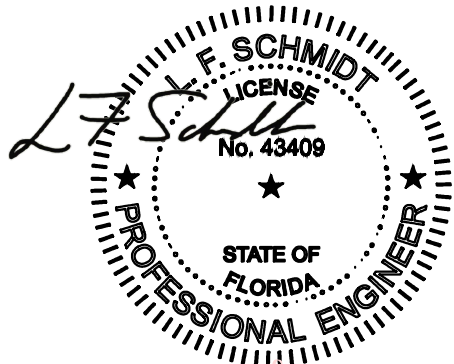
GENERAL NOTES

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 used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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
2	Door, Sidelite & Transom Panels & Glazing Details
3	Elevations
4	Horizontal & Vertical Cross Sections (2X Buck)
5	Horizontal Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Horizontal Cross Sections
9	Vertical Cross Sections
10	Buck Anchoring
11	Frame Anchoring
12	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	DOOR MAX. D.L.O.	SIDLITE MAX. D.L.O.	TRANSOM MAX. D.L.O.	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
	47.97" x 119.69"	35.25" X 89.25"	N/A	43.09" X 16.75"	+50.0	-50.0
	68.72" x 119.69"	35.25" X 89.25"	16.75" X 94.06"	63.84" X 16.75"	+50.0	-50.0
	89.47" x 119.69"	35.25" X 89.25"	16.75" X 94.06"	84.59" X 16.75"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.10 15:55:47 -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

DATE: 2/07/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46172.3

SHEET 1 OF 12

17/03/26
NO. DATE

17/03/26
FBC LFS
BY

REVISIONS

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

Technical drawings of two door panel configurations, labeled "DOOR PANEL".

Left Panel Dimensions:

- 43" MAX. PANEL WIDTH
- 35.25" MAX. D.L.O. WIDTH
- 96" MAX. PANEL HEIGHT
- 29.834" (three segments)
- 89.25" MAX. D.L.O. HEIGHT
- 36"

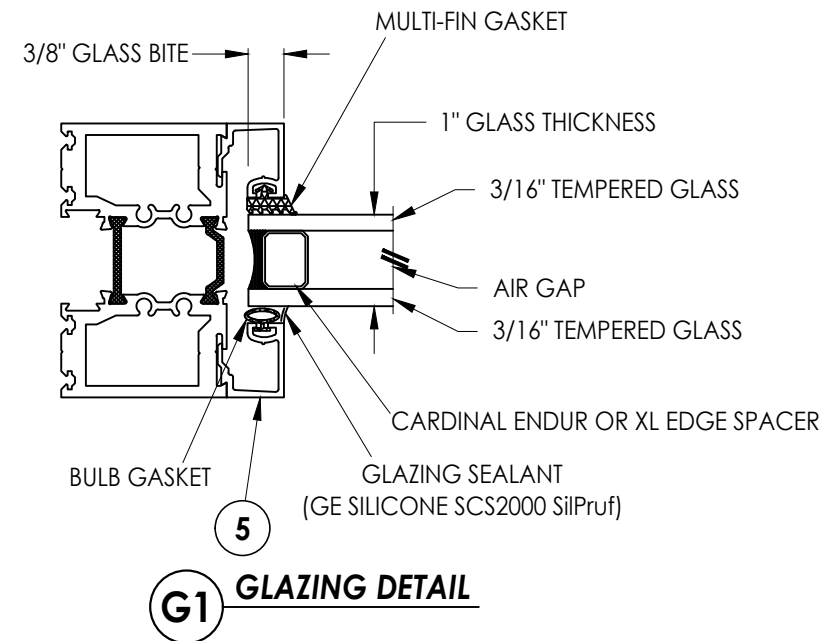
Right Panel Dimensions:

- 43" MAX. PANEL WIDTH
- 35.25" MAX. D.L.O. WIDTH
- 82.625" MAX. D.L.O. HEIGHT
- 35.188" TOP OF FLUSHBOLT
- THUMBTURN (ACTIVE PANEL)
- 16.063" TOP OF FLUSHBOLT
- 38.875"

DOOR PANEL

SIDELITE PANEL

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



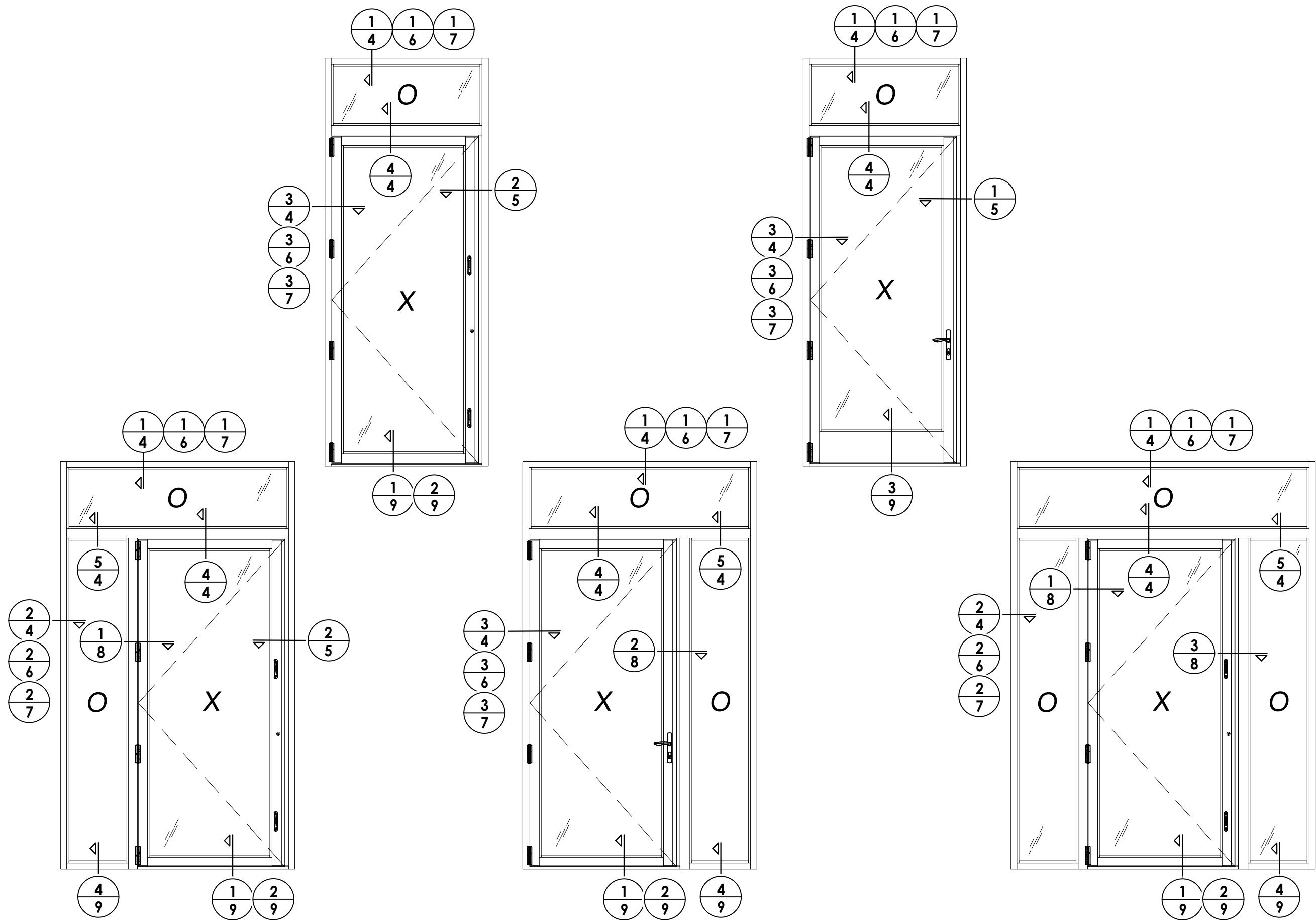
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Phone No.: 813.659.9197
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PART OR ASSEMBLY:

**DOOR, SIDELITE & TRANSOM
PANELS & GLAZING DETAILS**

[illegible]

DATE:	2/07/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46172.3
SHEET	2 OF 12

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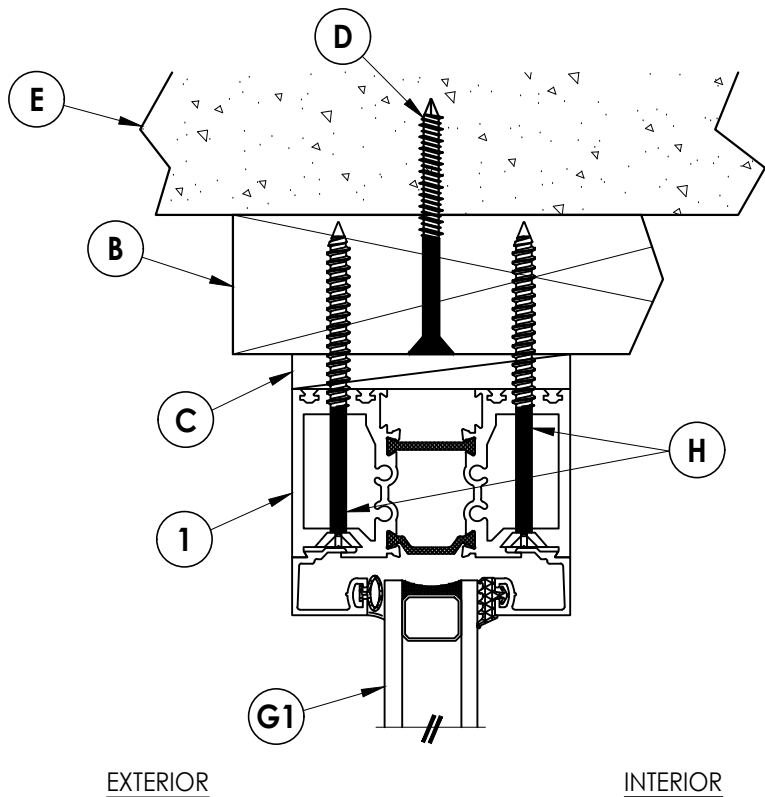
PRODUCT: THERMA-TRU

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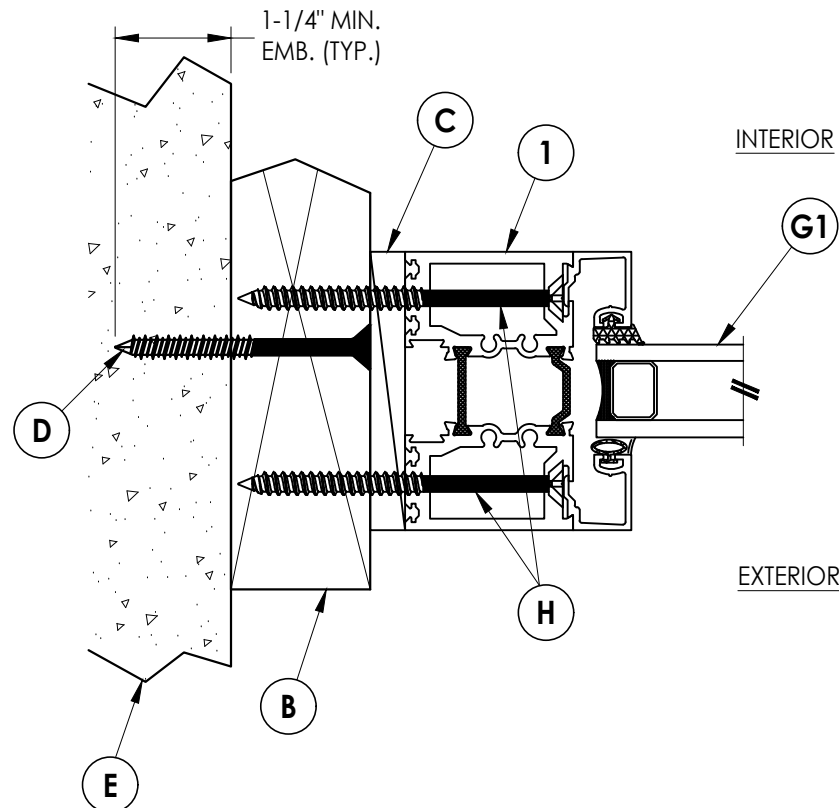
PART OR ASSEMBLY:

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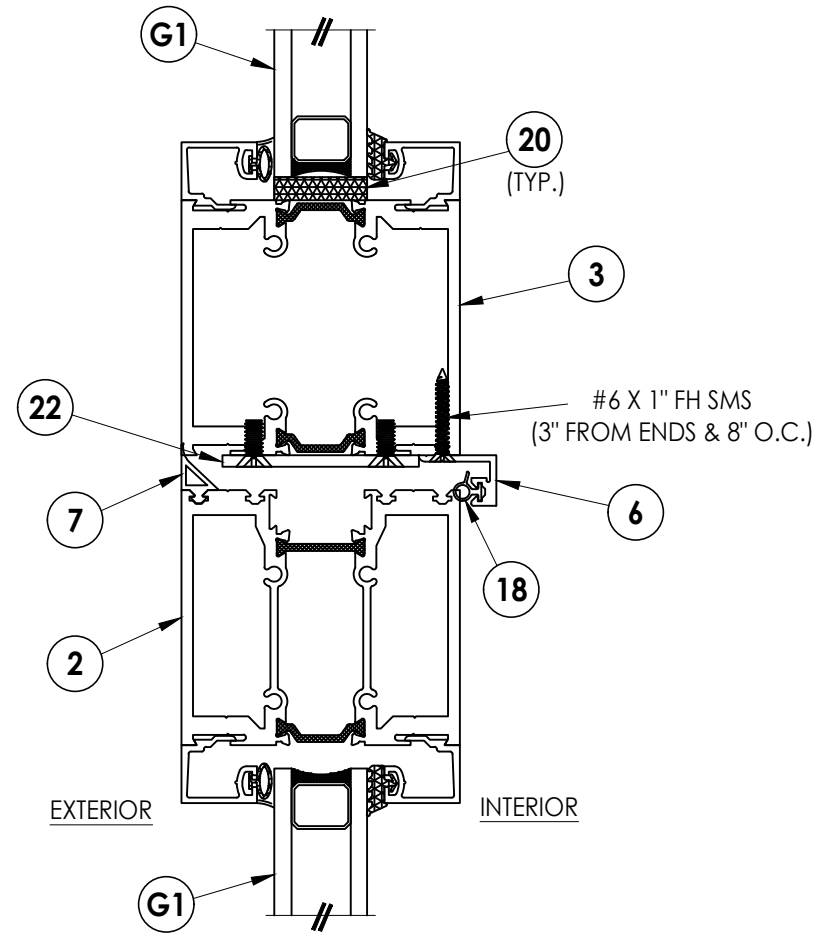
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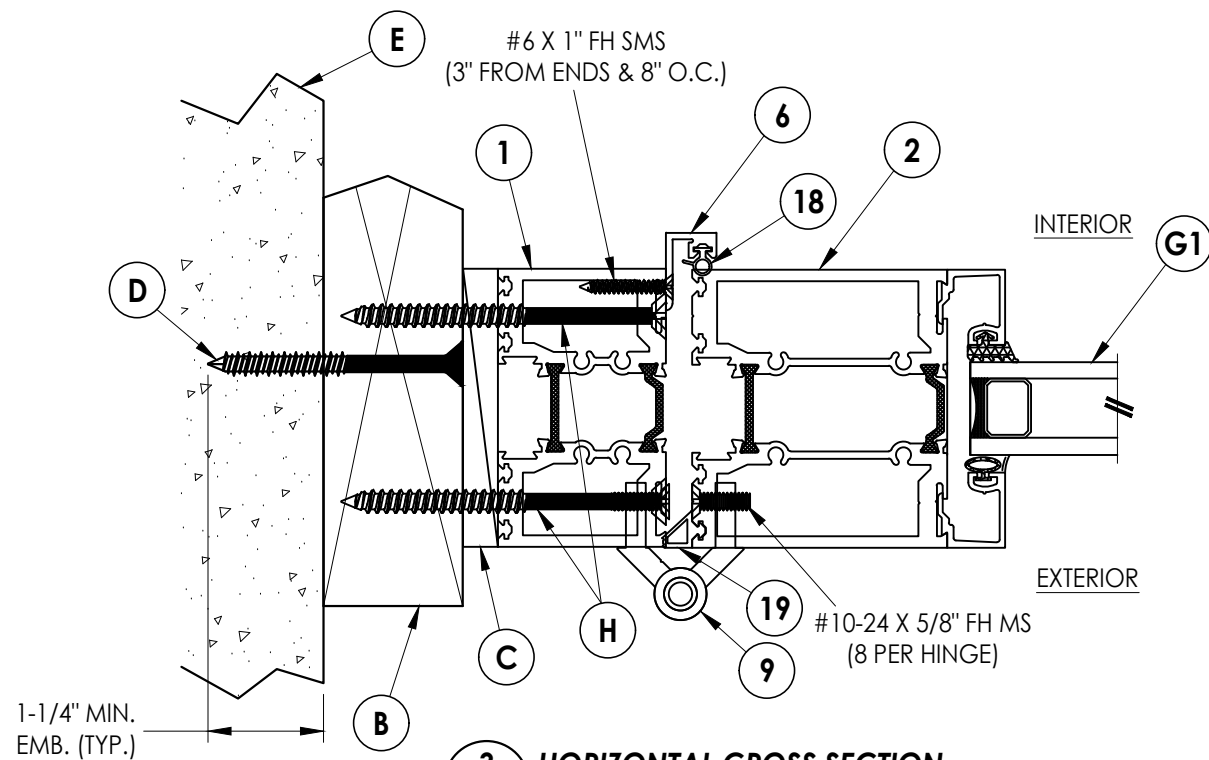
1
4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck



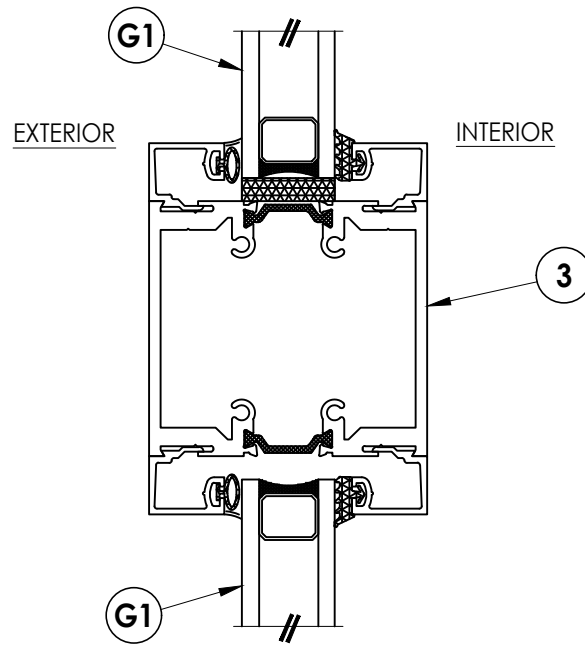
2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



4
4 **VERTICAL CROSS SECTION**



3
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



5
4 **VERTICAL CROSS SECTION**

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PRODUCT: **THERMA-TRU**

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

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

REVISIONS

DATE: 2/07/24

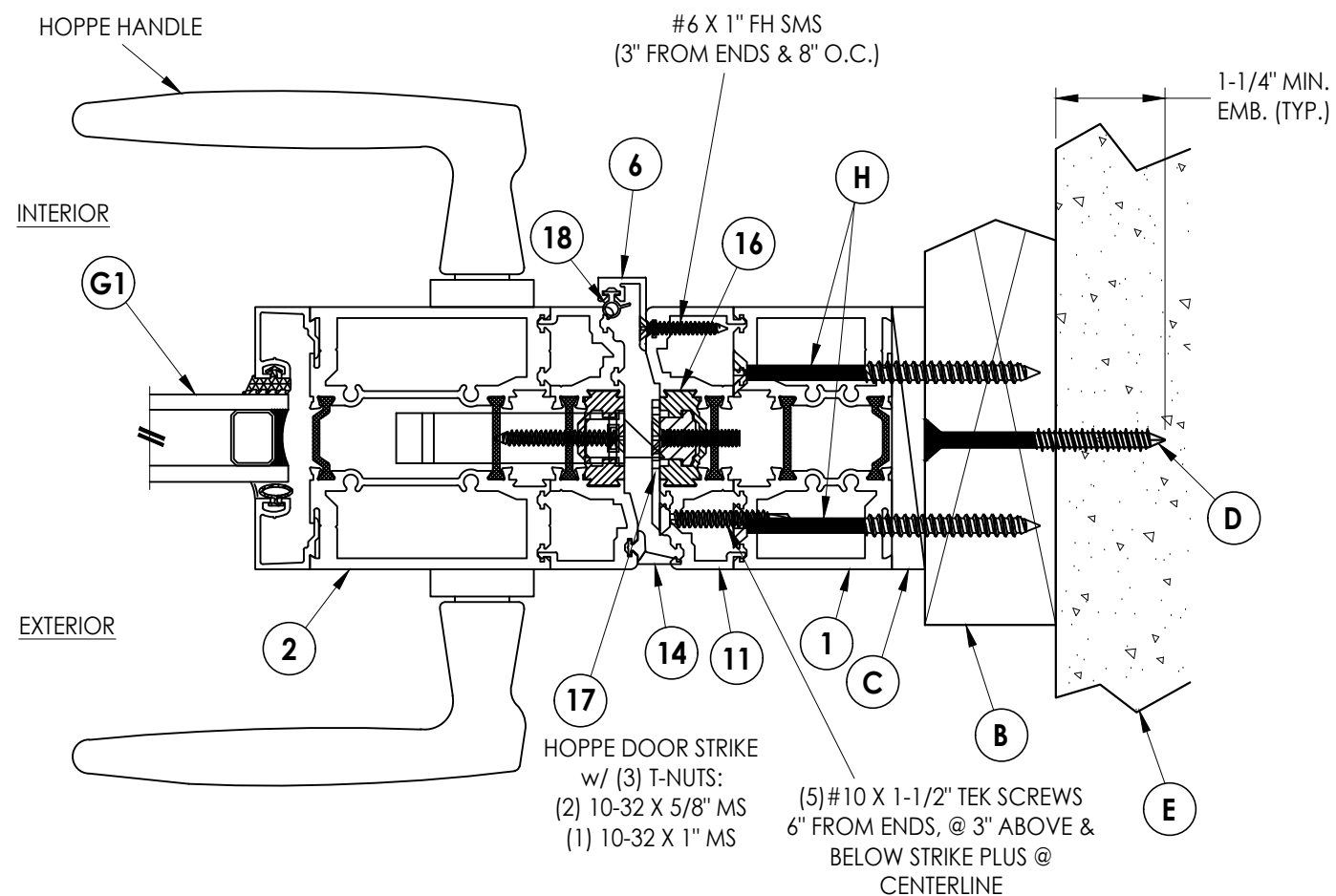
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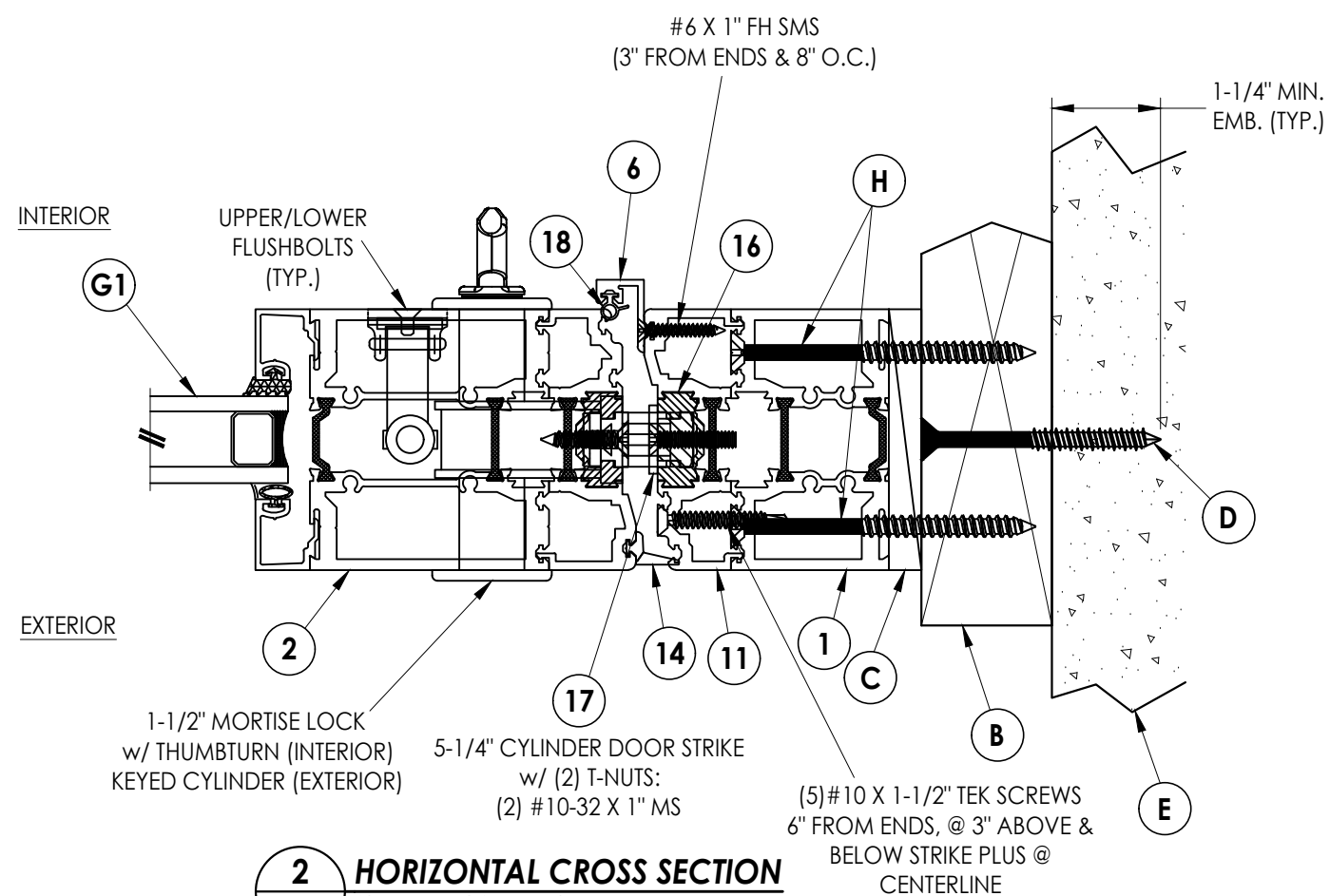
CHK. BY: RW

DRAWING NO.: FL-46172.3

SHEET 4 OF 12



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



2 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck

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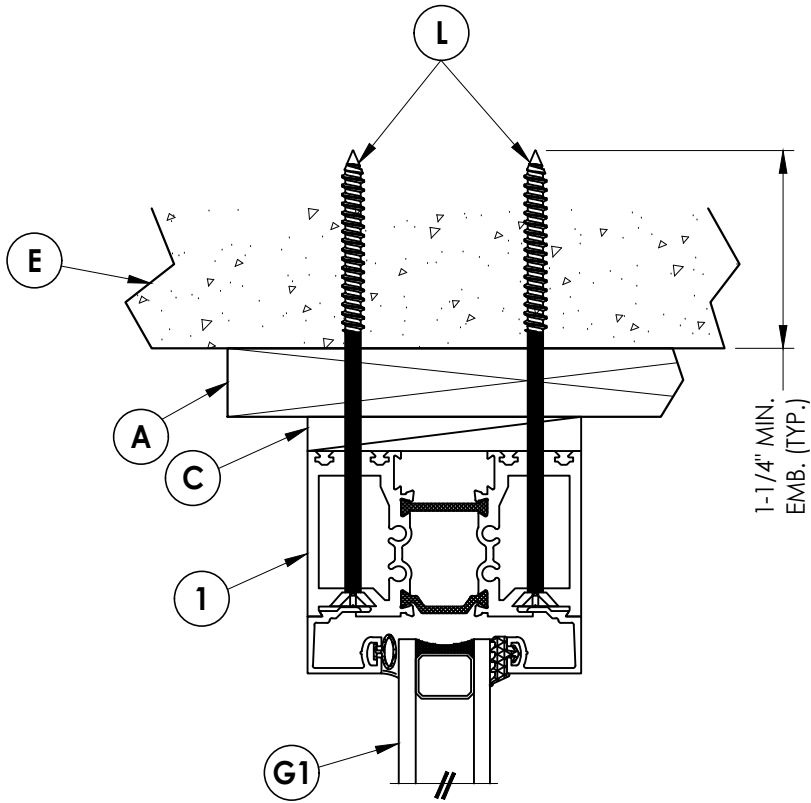
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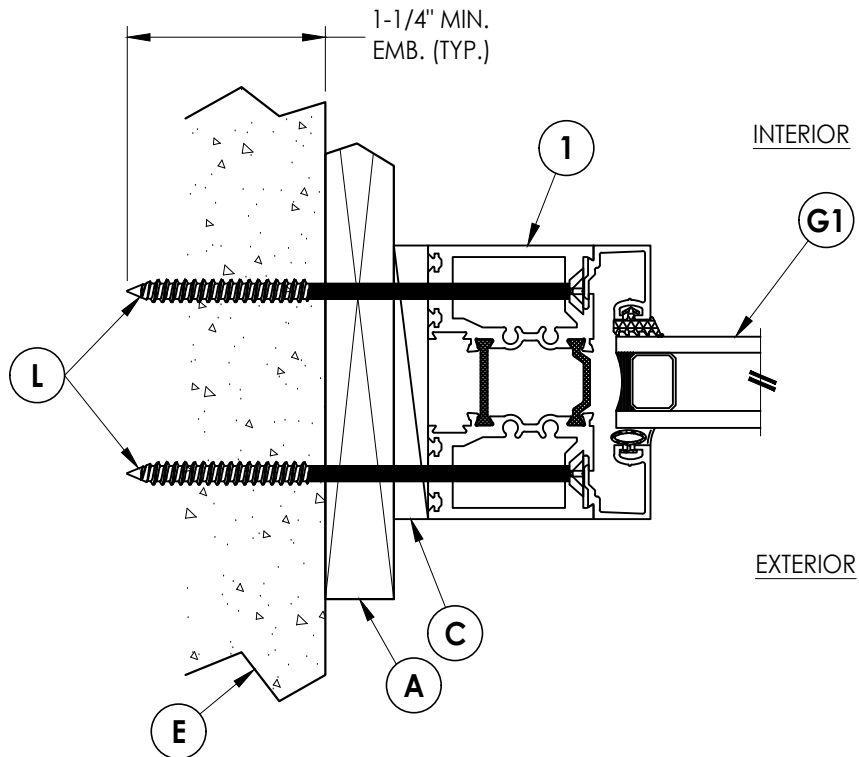
PRODUCT: THERMA-TRU

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

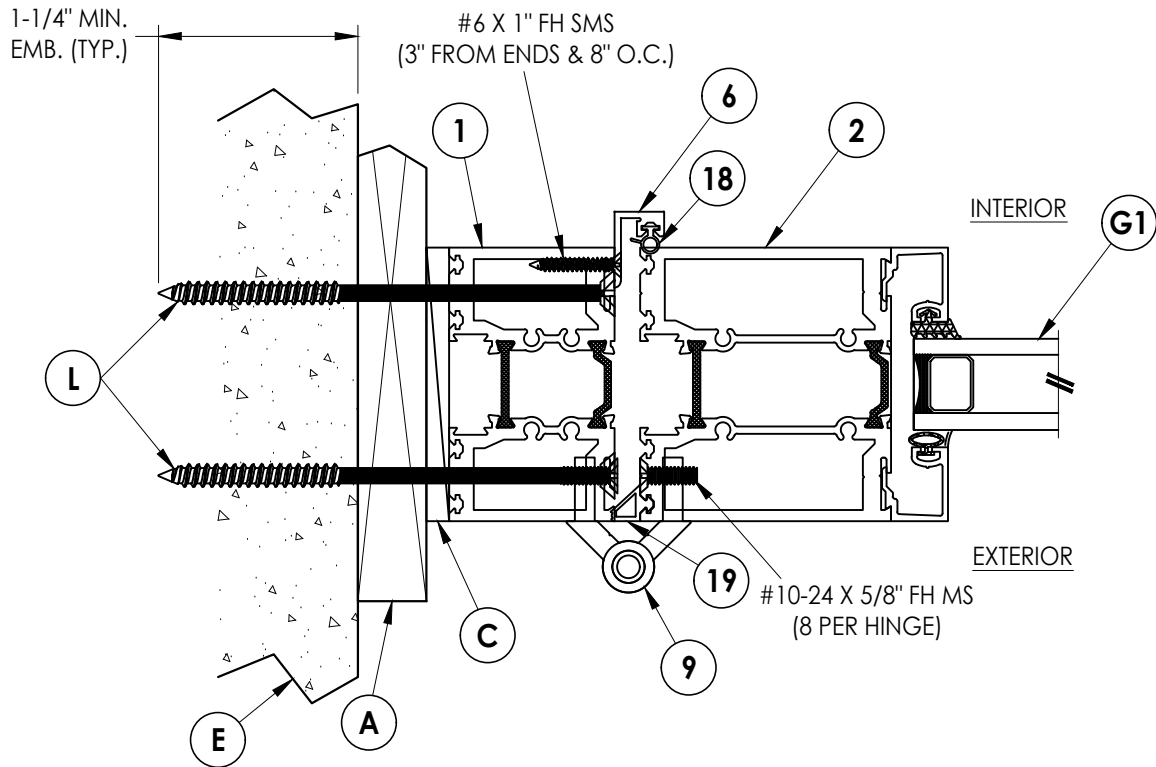
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1
6 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck



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



3
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck

DATE: 2/07/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46172.3

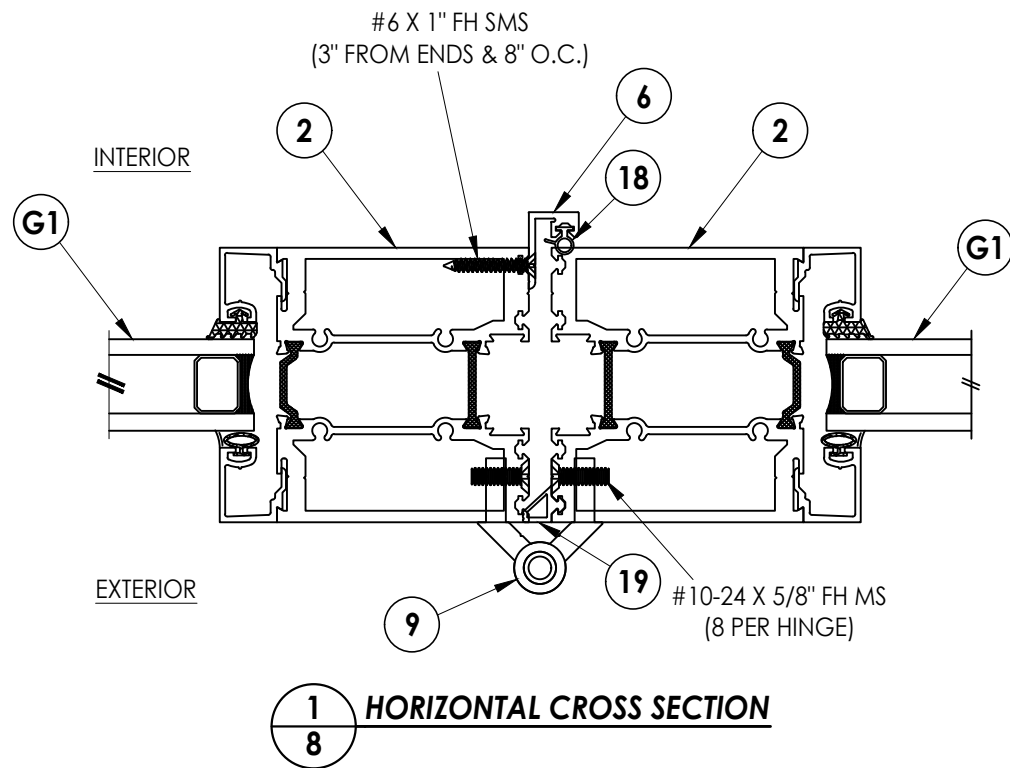
SHEET 6 OF 12

PRODUCT: THERMA-TRU

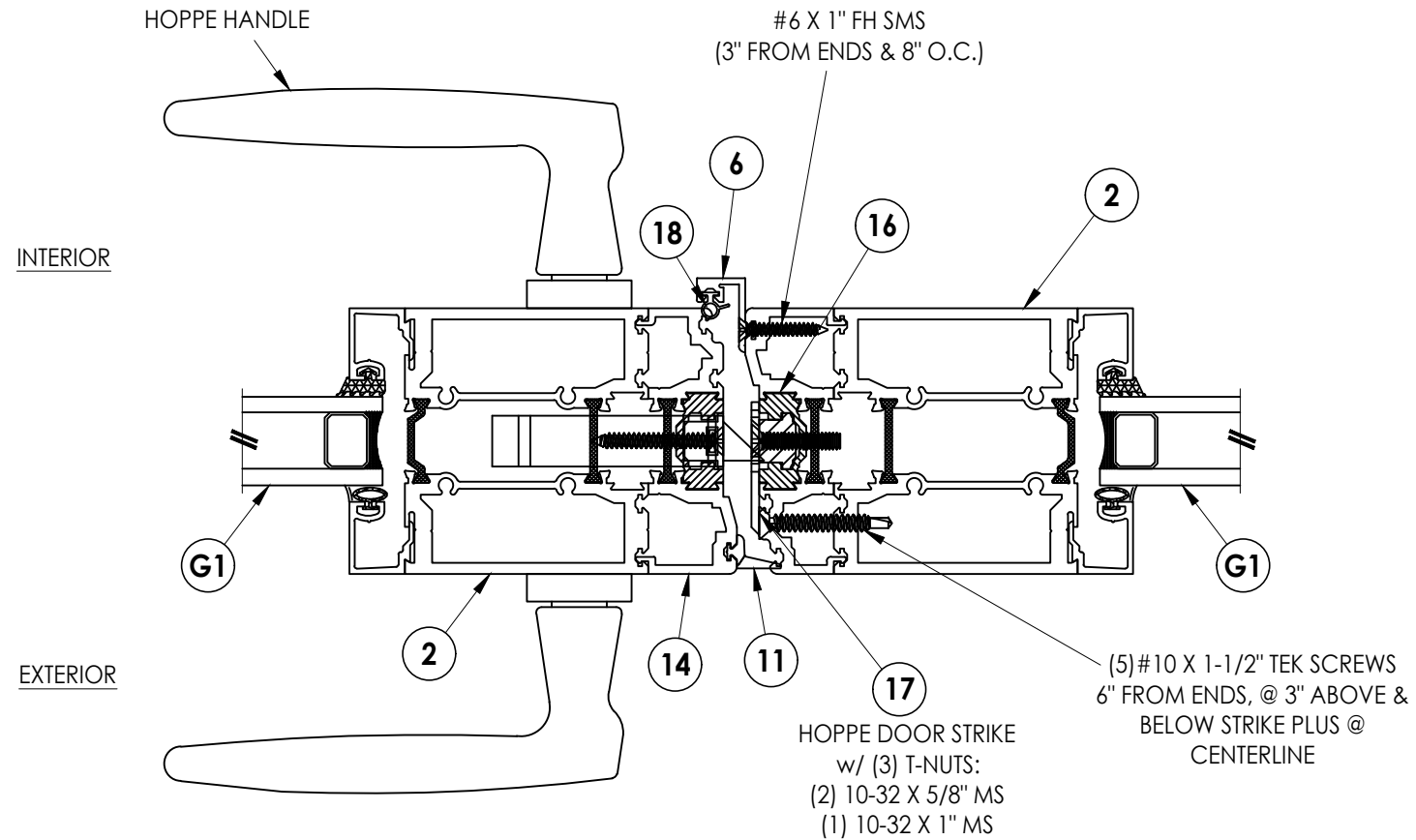
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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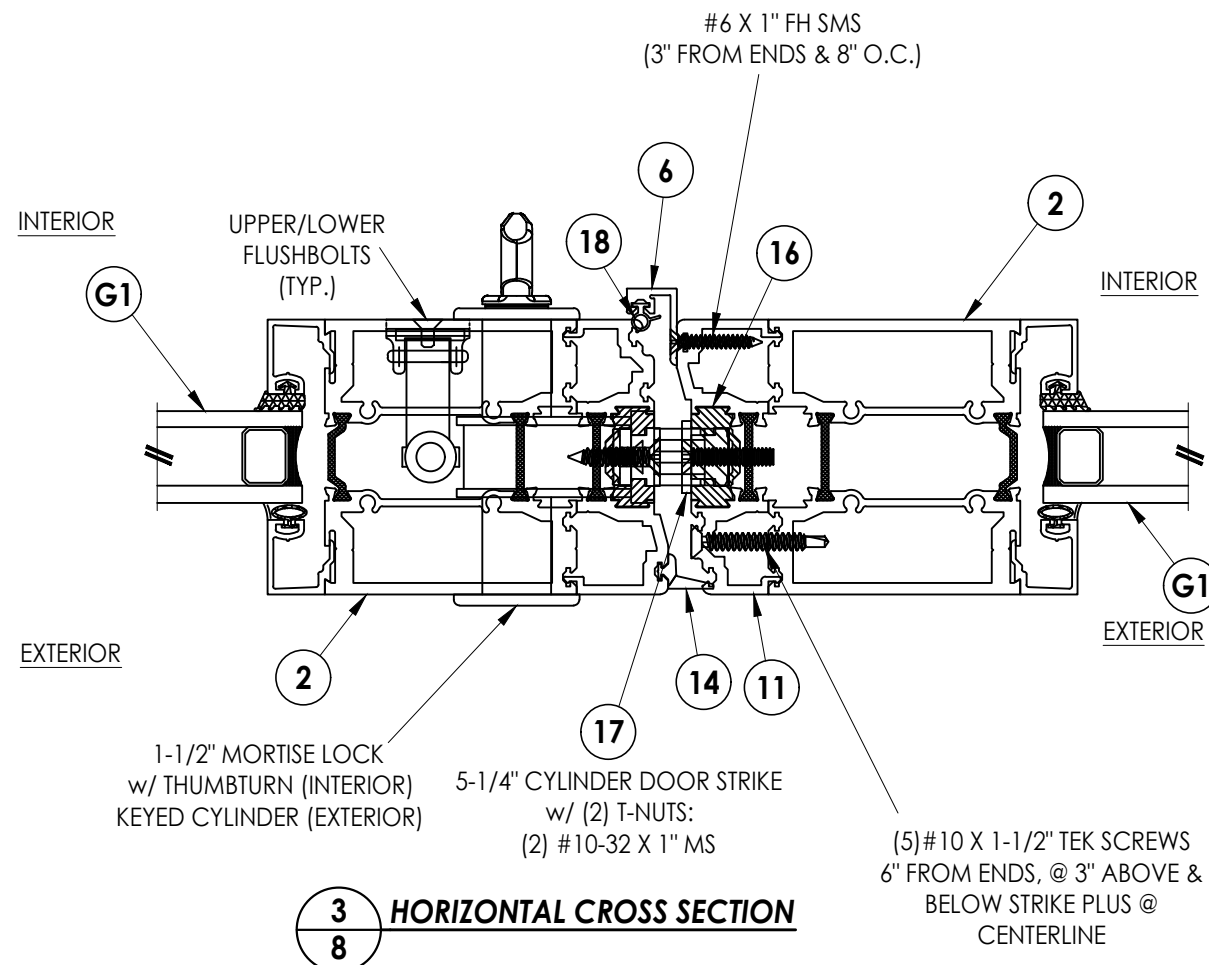
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Phone No.: 813.659.9197
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1 **HORIZONTAL CROSS SECTION**
8



2 **HORIZONTAL CROSS SECTION**
8

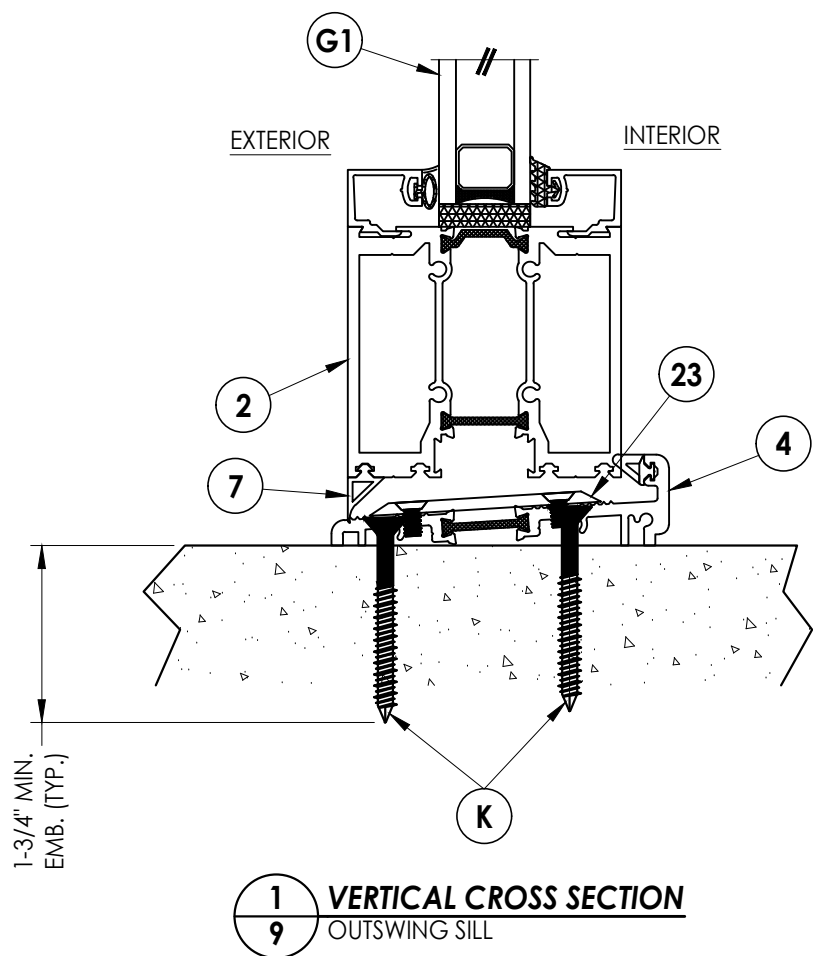


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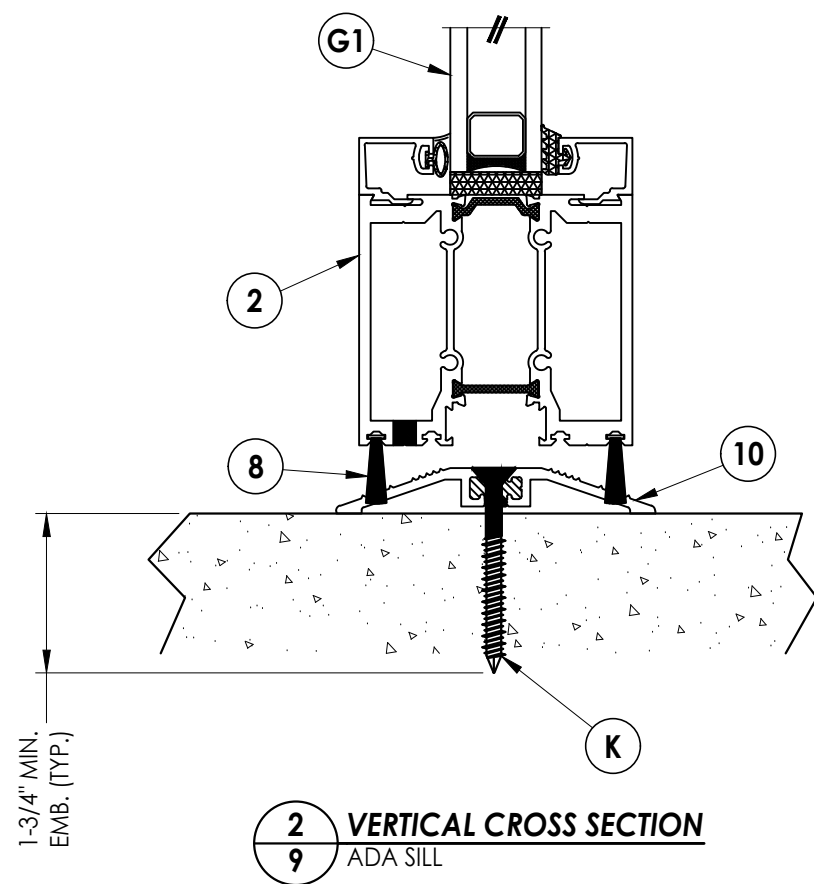
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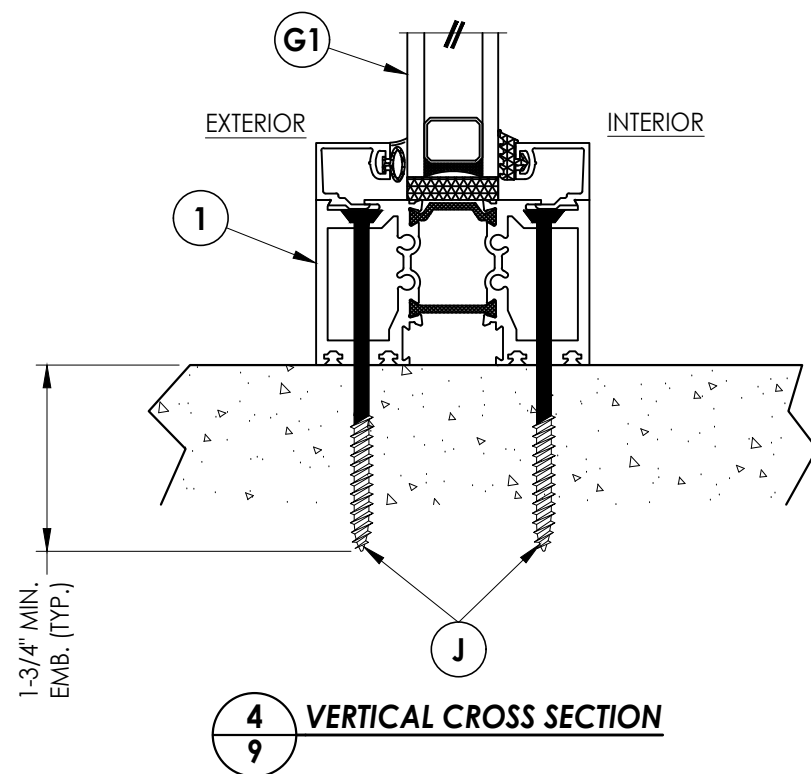
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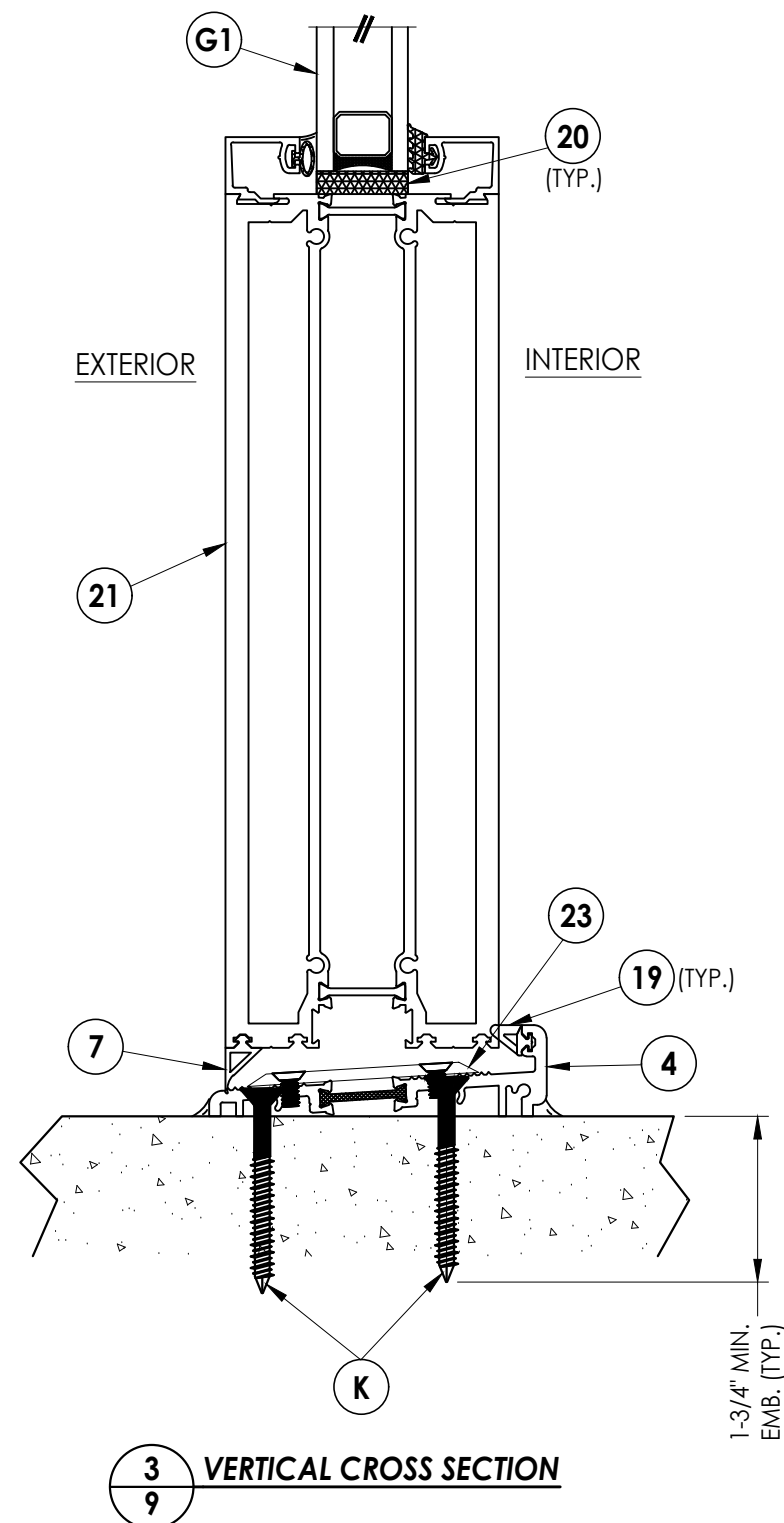
1 9 VERTICAL CROSS SECTION OUTSWING SILL



2 VERTICAL CROSS SECTION
9 ADA SILL



4 VERTICAL CROSS SECTION
9

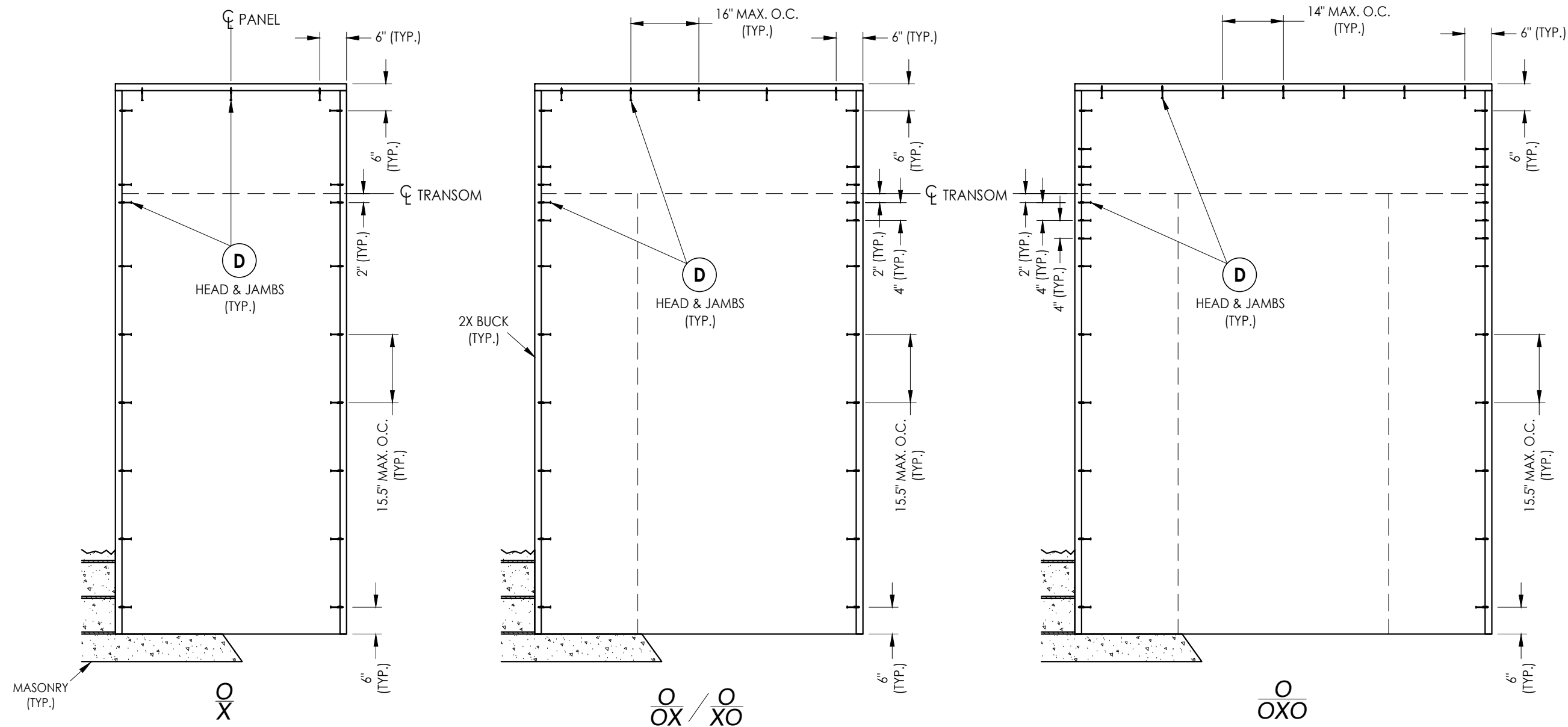


3 9 VERTICAL CROSS SECTION

[illegible]

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2X BUCK ANCHORING

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. 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:

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

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DATE: 2/07/24

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: RW

DRAWING NO.:

FL-46172.3

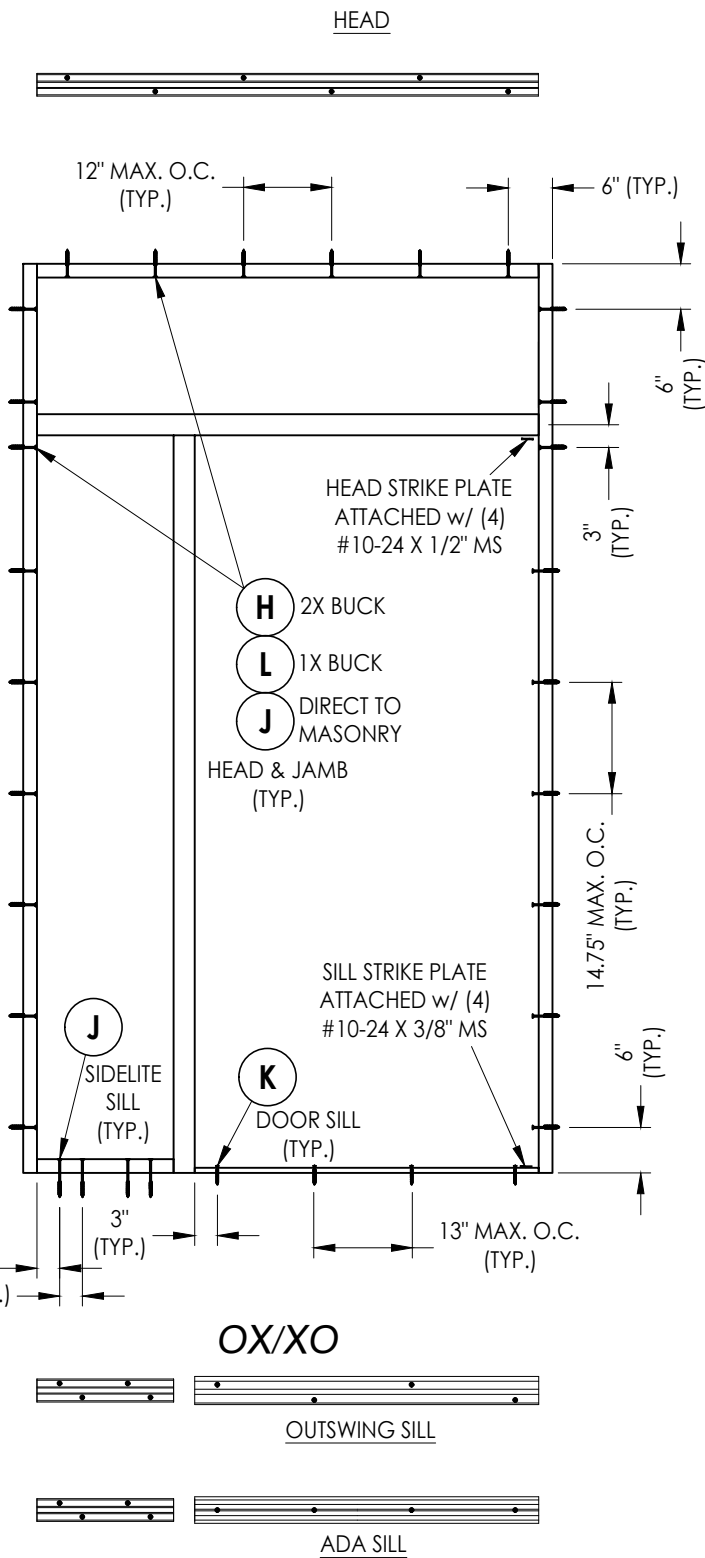
SHEET 10 OF 12

Documents Prepared By:
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Technical drawing of a door frame assembly, showing various components and dimensions. The drawing includes a main elevation view and three cross-sectional views (top, bottom, and side).

Key Components and Dimensions:

- HEAD:** Indicated at the top of the frame.
- HEAD STRIKE PLATE:** ATTACHED w/ (4) #10-24 X 1/2" MS.
- HEAD & JAMB (TYP.):** Indicated for the top and side frame members.
- HEAD BUCKS:**
 - H:** 2X BUCK
 - L:** 1X BUCK
 - J:** DIRECT TO MASONRY
- SILL STRIKE PLATE:** ATTACHED w/ (4) #10-24 X 3/8" MS.
- DOOR SILL (TYP.):** Indicated for the bottom frame member.
- SIDELITE SILL (TYP.):** Indicated for the side frame member.
- JAMBS:** Indicated on the right side of the frame.
- Dimensions:**
 - 13" MAX. O.C. (TYP.)
 - 6" (TYP.)
 - 3" (TYP.)
 - 14.75" MAX. O.C. (TYP.)
 - 3" (TYP.)
 - 3" (TYP.)
 - 13" MAX. O.C. (TYP.)

OXO

OUTSWING SILL

ADA SILL

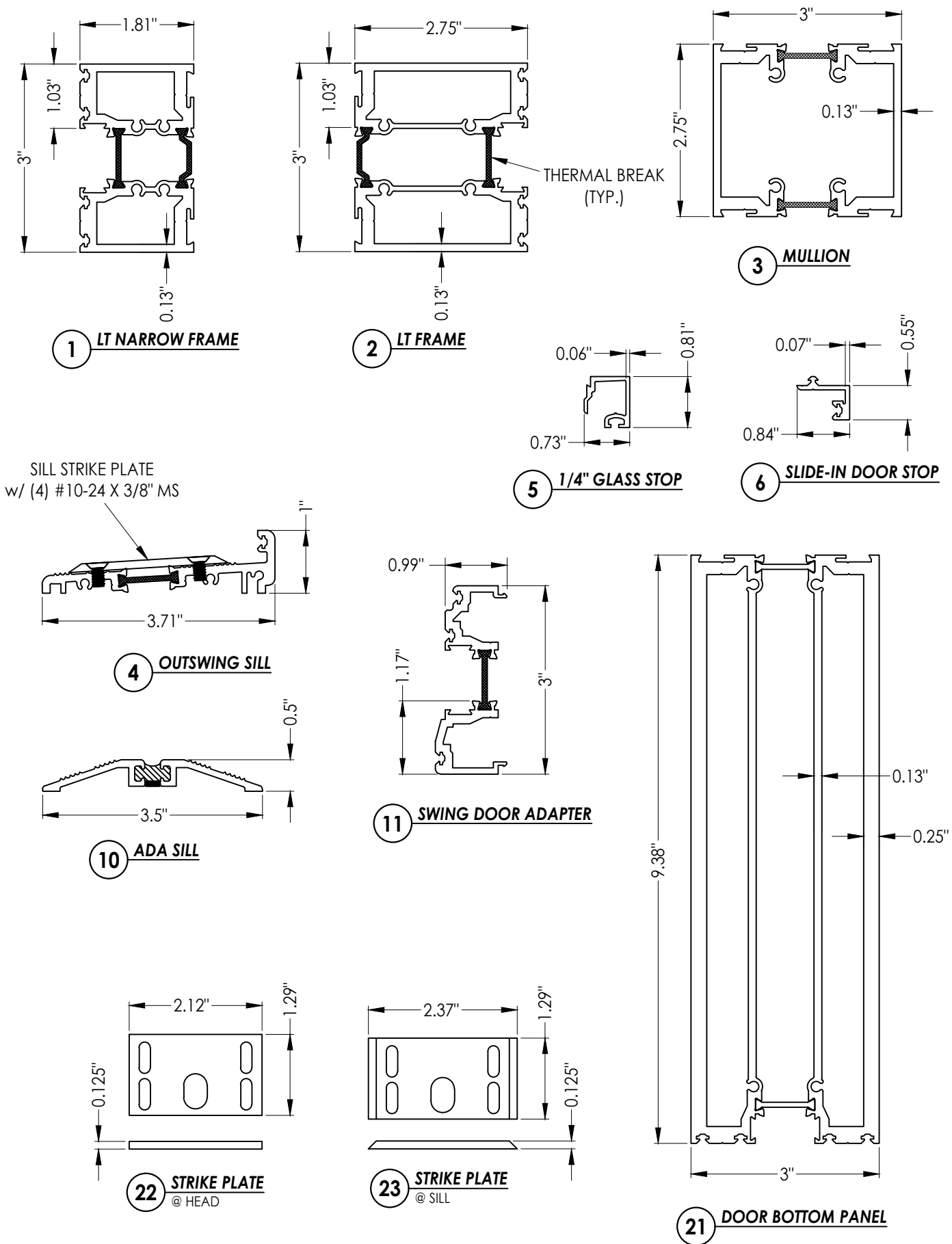
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	3/8" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW 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	OUTSWING SILL	6063-T6 ALUM
5	1/4" GLASS STOP	6063-T6 ALUM
6	SLIDE-IN DOOR STOP	6063-T5 ALUM
7	DOOR SILL GASKET	-
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
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-T5 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.



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P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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PRODUCT: THERMA TRU

PART OR ASSEMBLY:
BILL OF MATERIAL &
COMPONENTS

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

DATE: 2/07/24

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: RW

DRAWING NO.:

FL-46172.3

SHEET 12 OF 12