

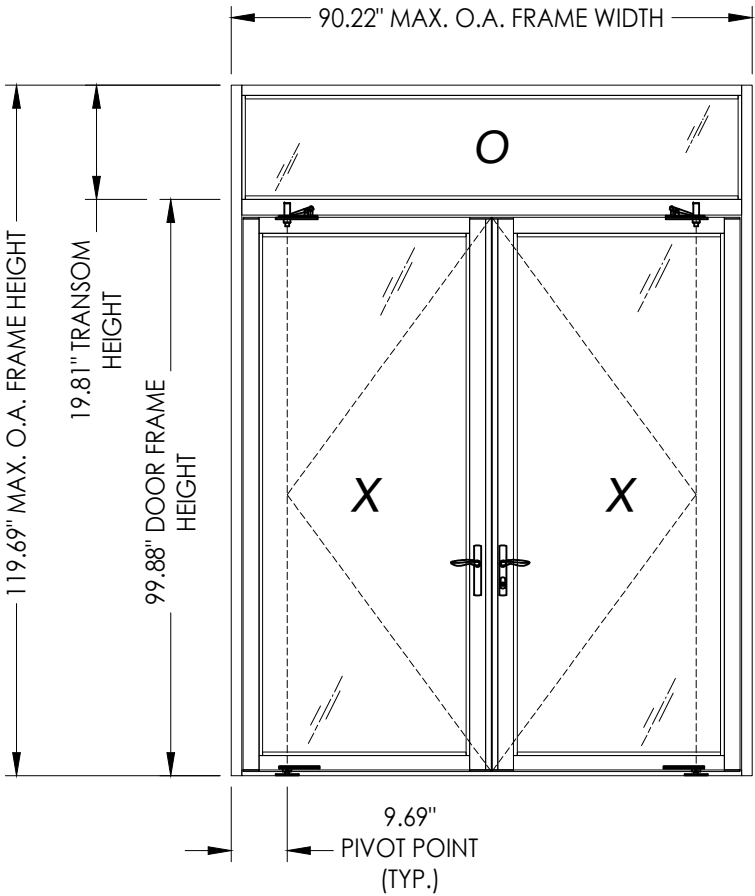


"VERIS V3" GLAZED ALUMINUM PIVOT DOOR  
DOUBLE w/ TRANSOM  
OUTSWING  
"IMPACT"

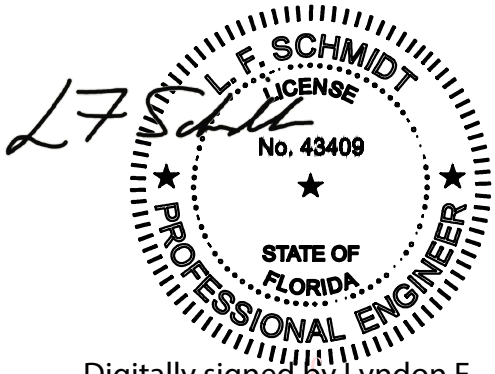
GENERAL NOTES

- 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.

| 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 |
| O<br>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 11:47:45 -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-46173.8

SHEET 1 OF 10

17/03/26

7/03/26

1

NO.

DATE

REVISIONS

1

7/03/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

BY

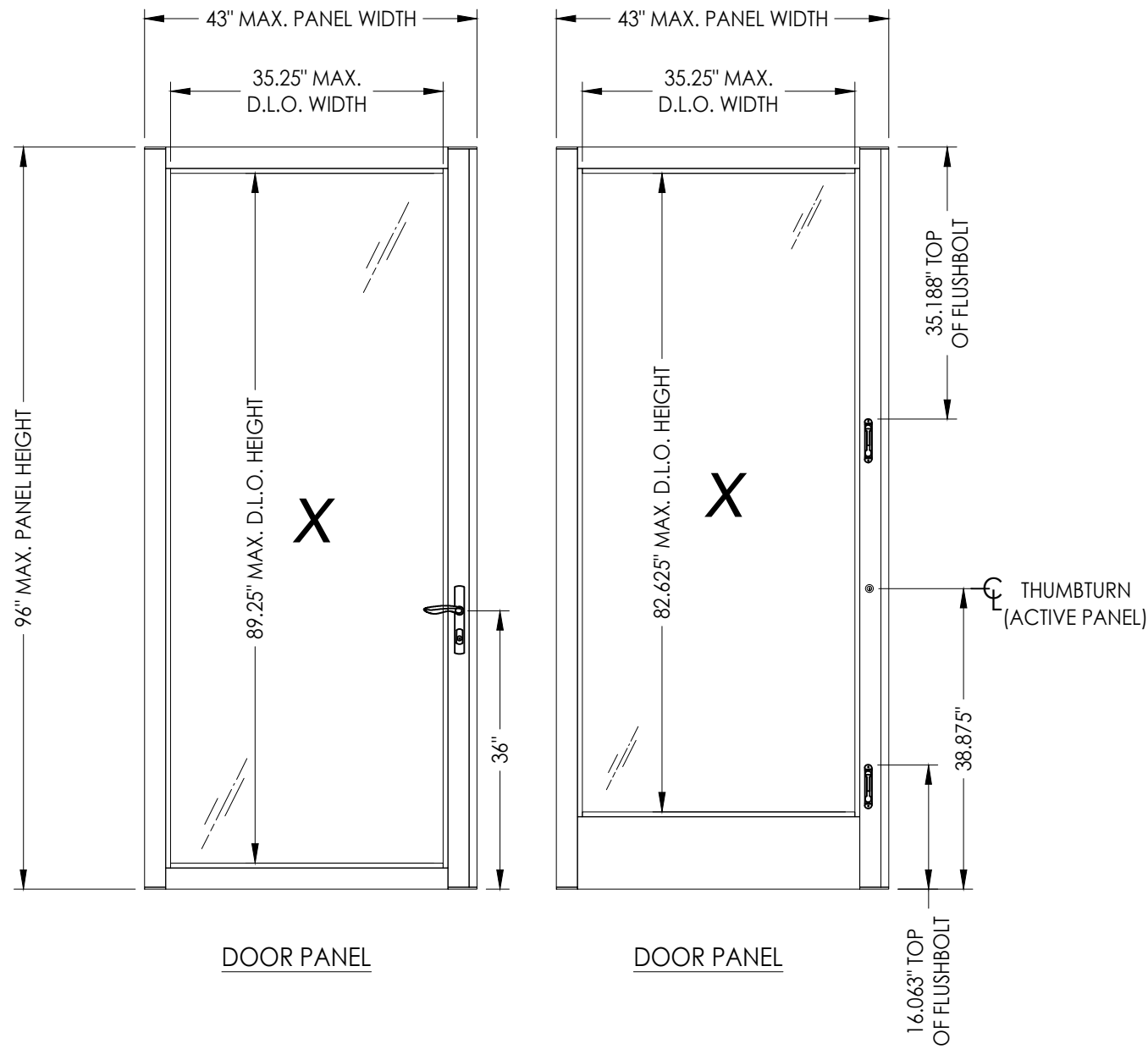
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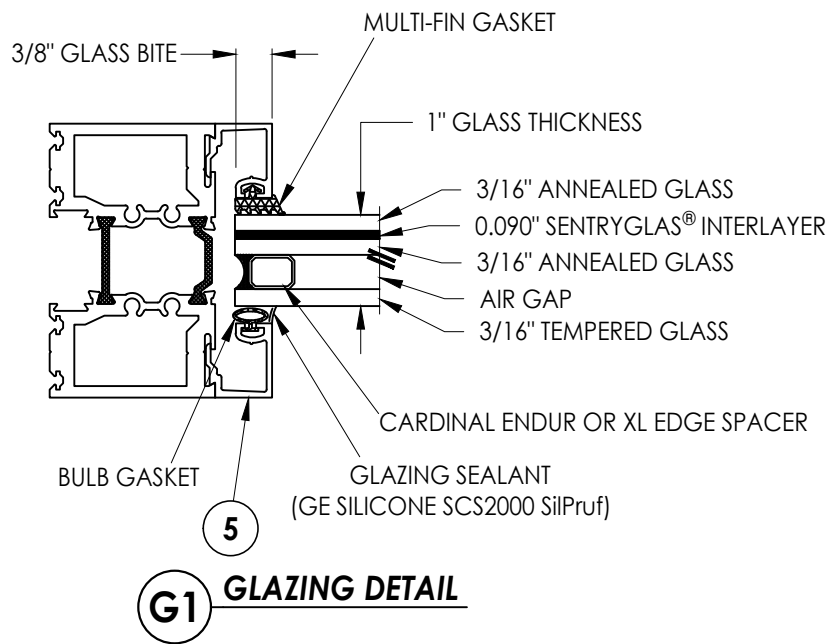
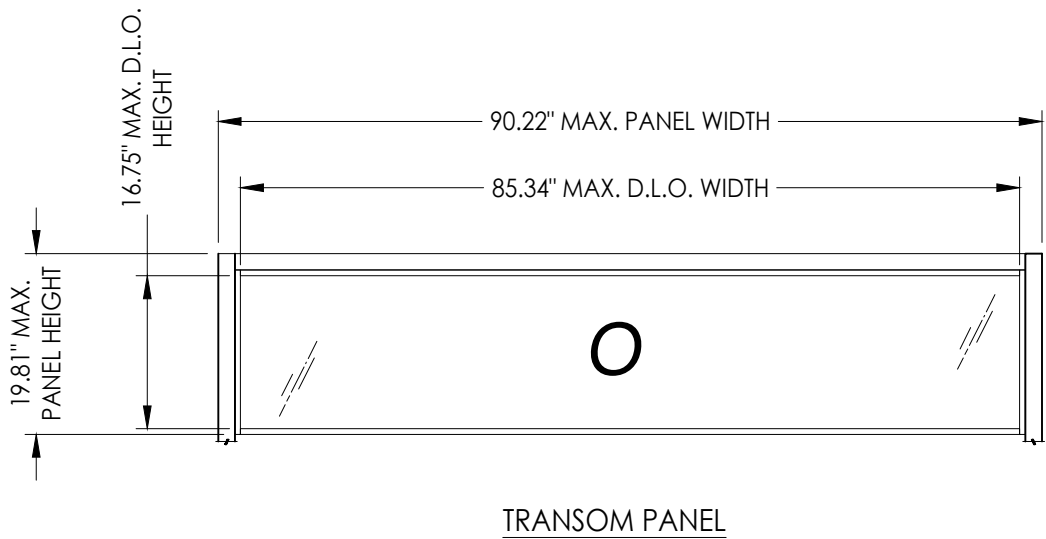
P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

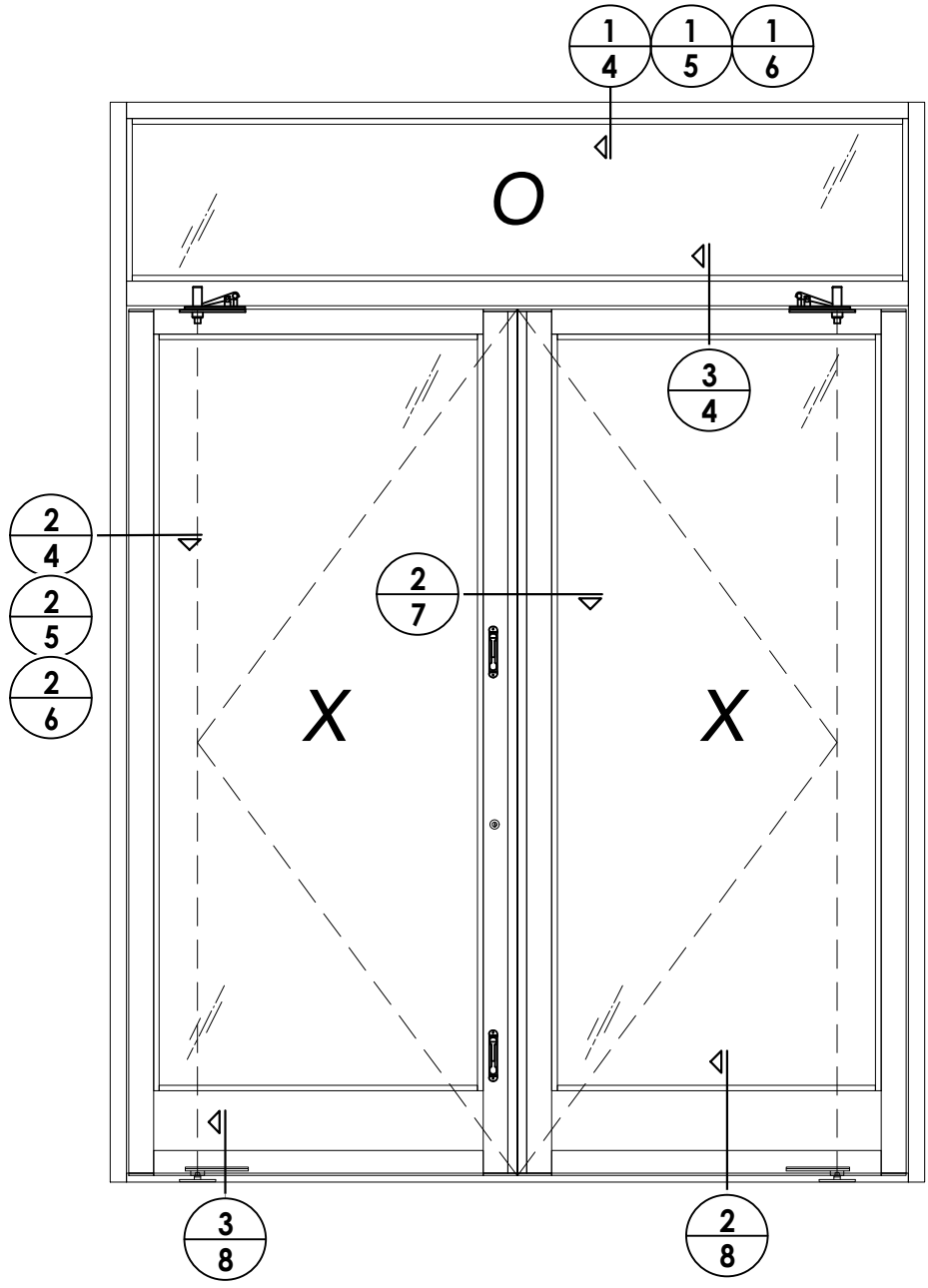
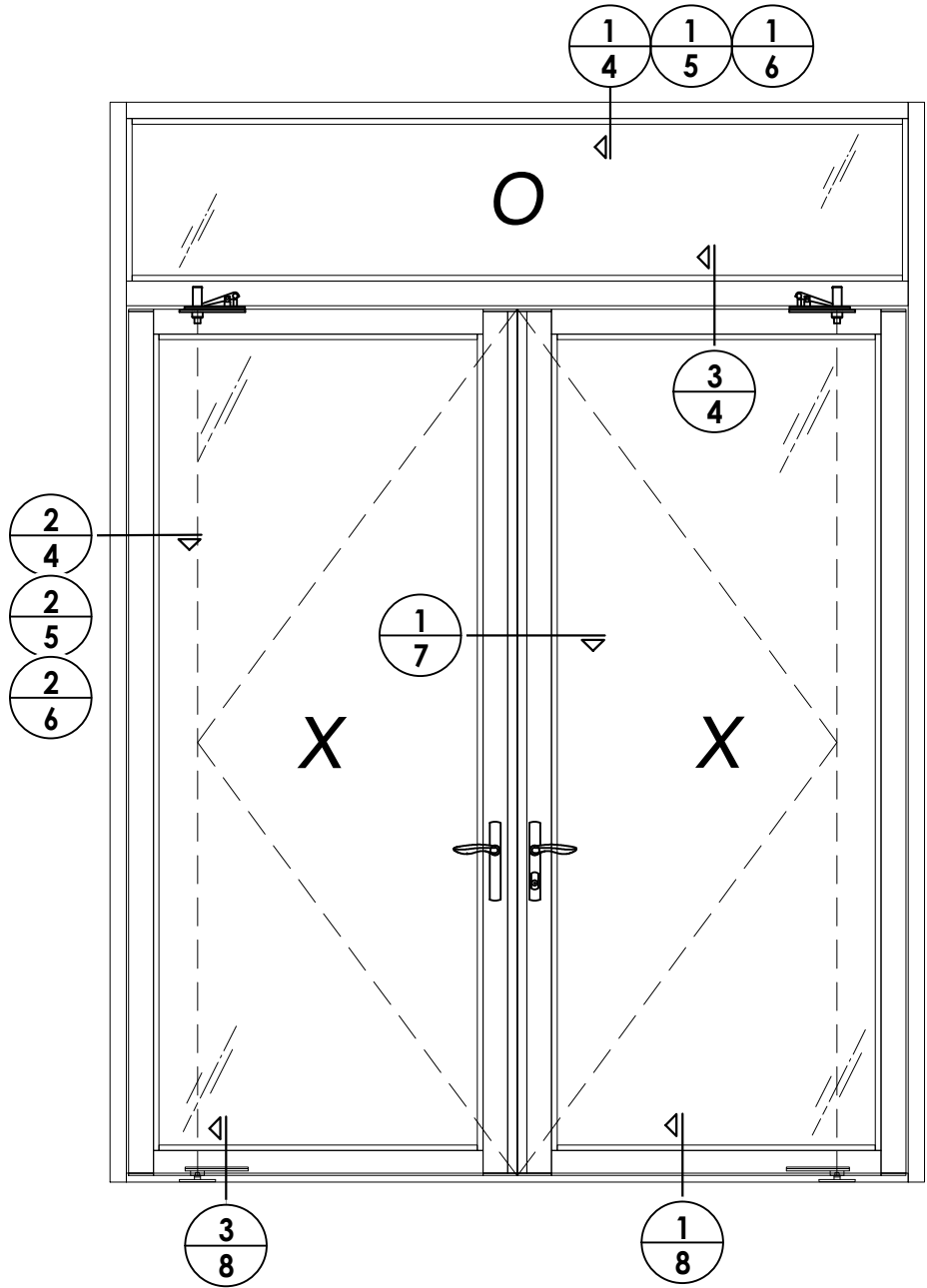
FBPE Registry No. 9813



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

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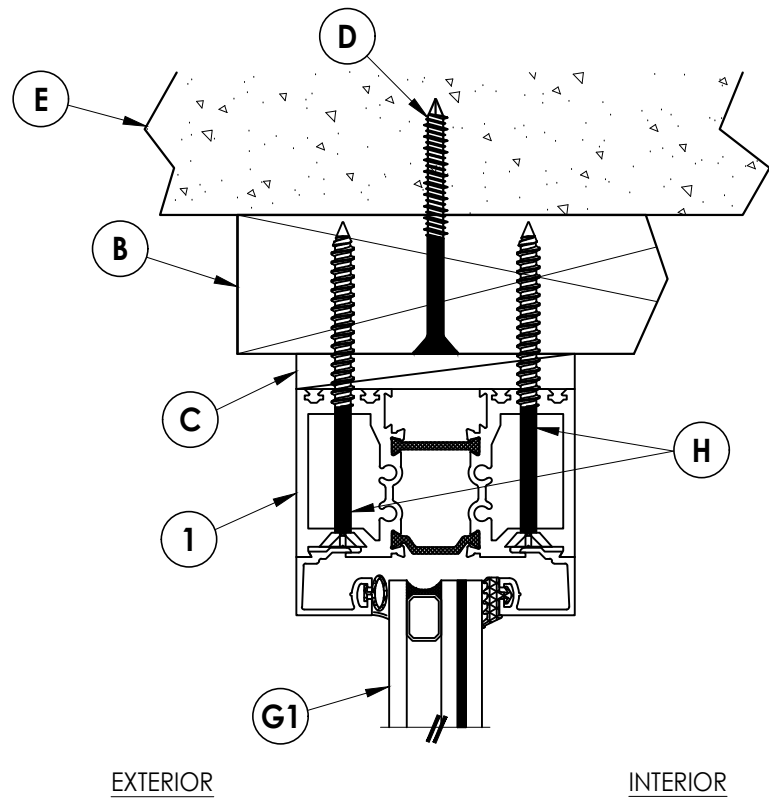
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DWG. BY: LFS  
CHK. BY: RW  
DRAWING NO.: FL-46173.8  
SHEET 3 OF 10

| NO. | DATE    | REVISIONS                        |
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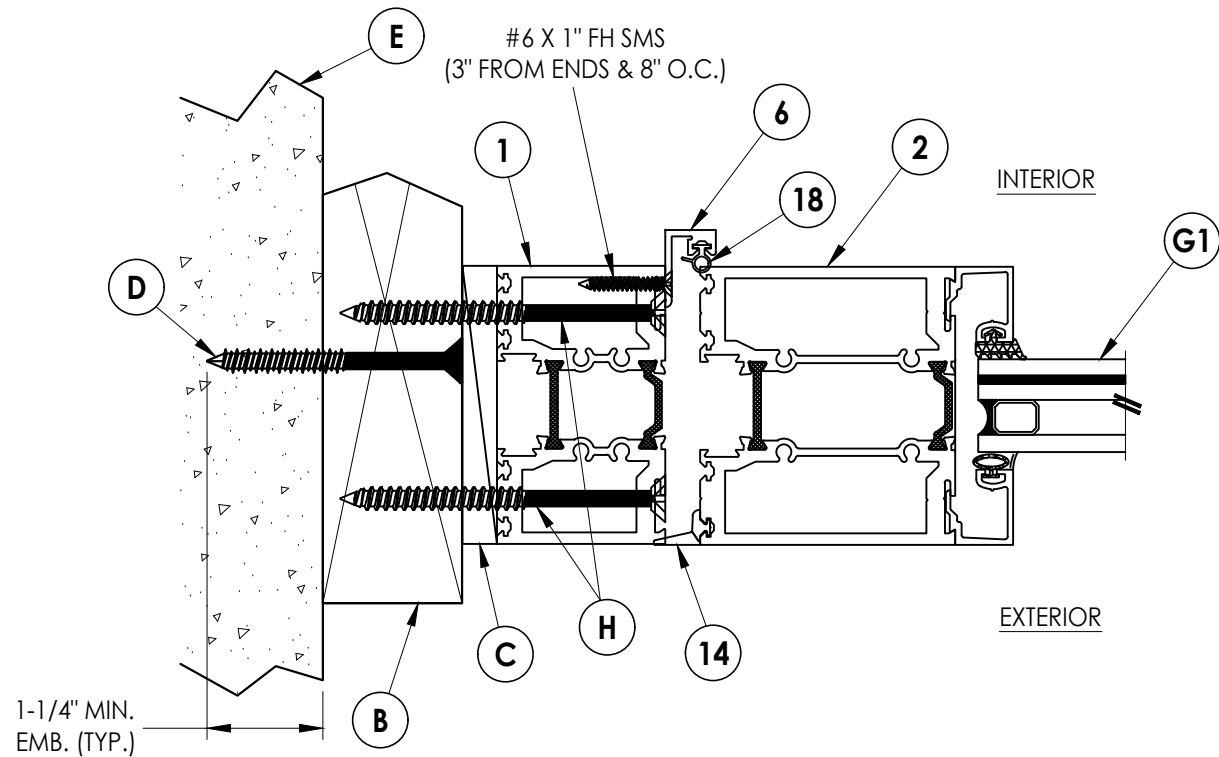
|                   |            |
|-------------------|------------|
| PRODUCT:          | THERMA-TRU |
| PART OR ASSEMBLY: | ELEVATIONS |

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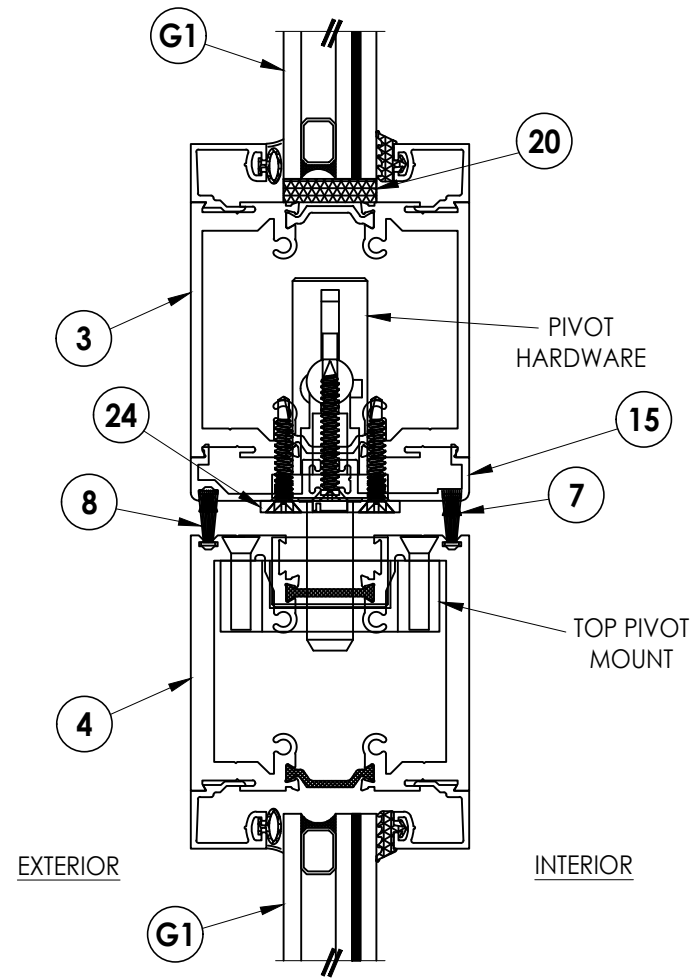
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**1** **VERTICAL CROSS SECTION**  
**4** Shown w/ 2X Buck



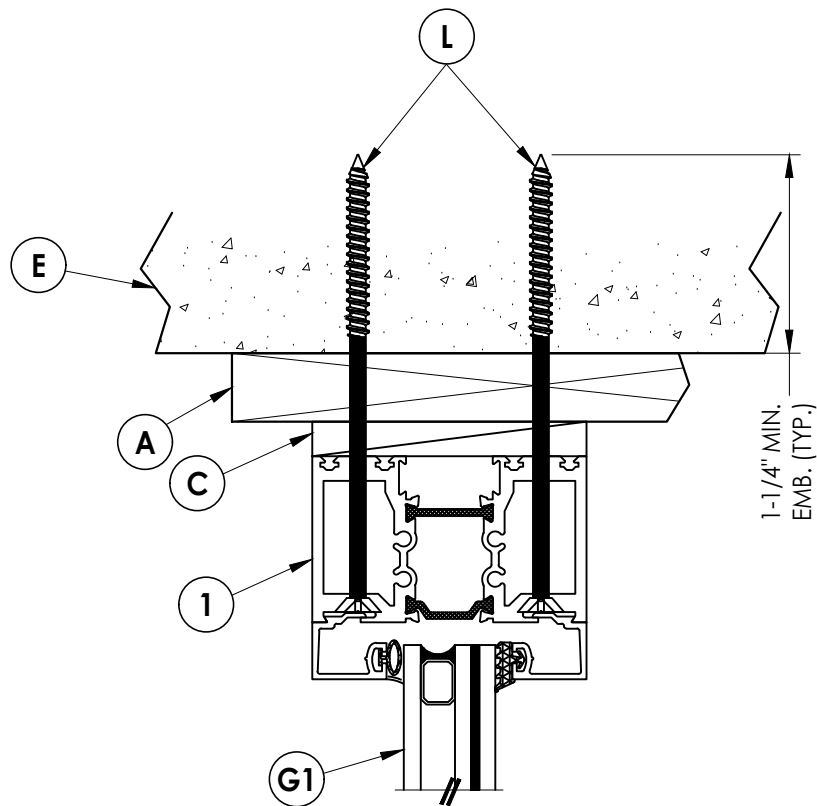
**2** **HORIZONTAL CROSS SECTION**  
**4** Shown w/ 2X Buck



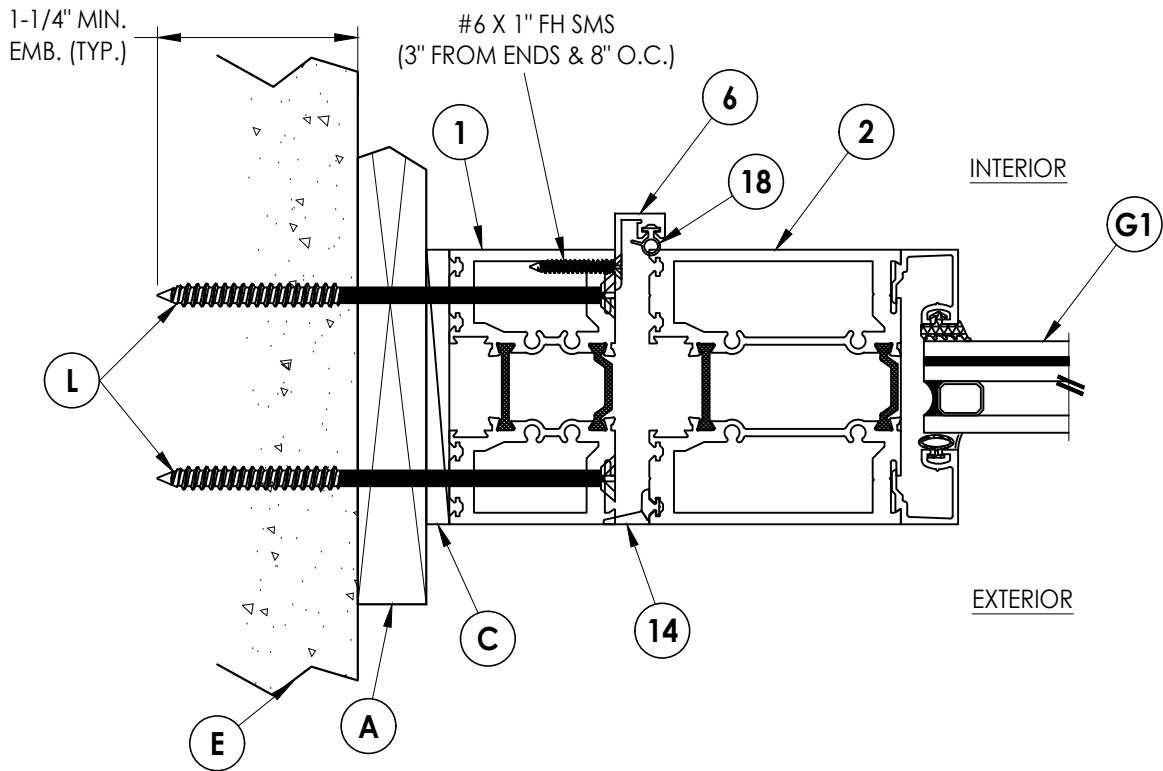
**3** **VERTICAL CROSS SECTION**  
**4**

|                                                         |         |                                                                                                           |     |
|---------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------|-----|
| PRODUCT: THERMA-TRU                                     |         | PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)                                          |     |
| Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 |         | BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813 |     |
| NO.                                                     | DATE    | UPDATE TO 9TH ED. (2026)                                                                                  | BY  |
|                                                         |         |                                                                                                           |     |
| 1                                                       | 7/03/26 | FBC                                                                                                       | LFS |
| REVISIONS                                               |         |                                                                                                           |     |
| DATE: 2/07/24                                           |         |                                                                                                           |     |
| SCALE: N.T.S.                                           |         |                                                                                                           |     |
| DWG. BY: LFS                                            |         |                                                                                                           |     |
| CHK. BY: RW                                             |         |                                                                                                           |     |
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| SHEET 4 OF 10                                           |         |                                                                                                           |     |

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

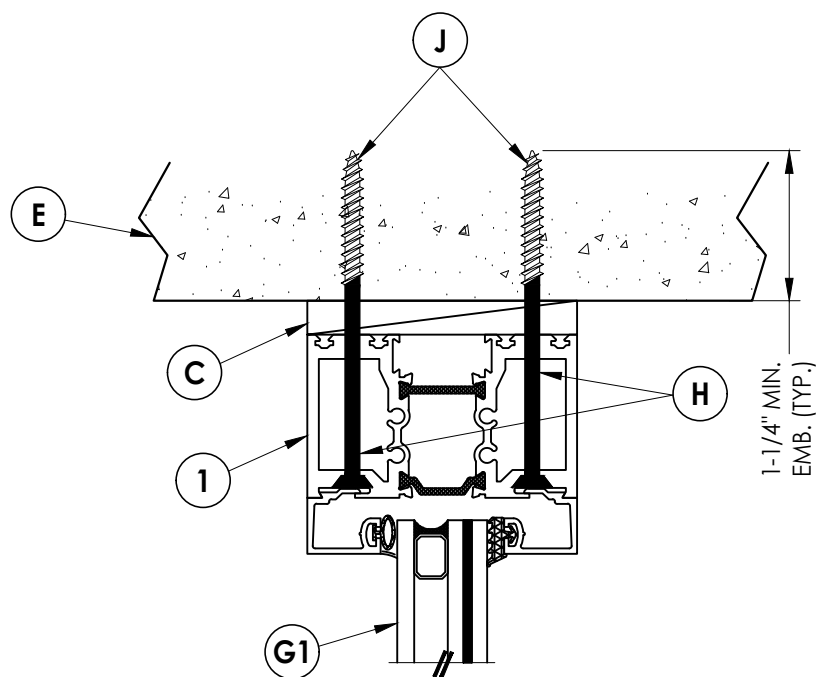


**2**  
**5** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X Buck

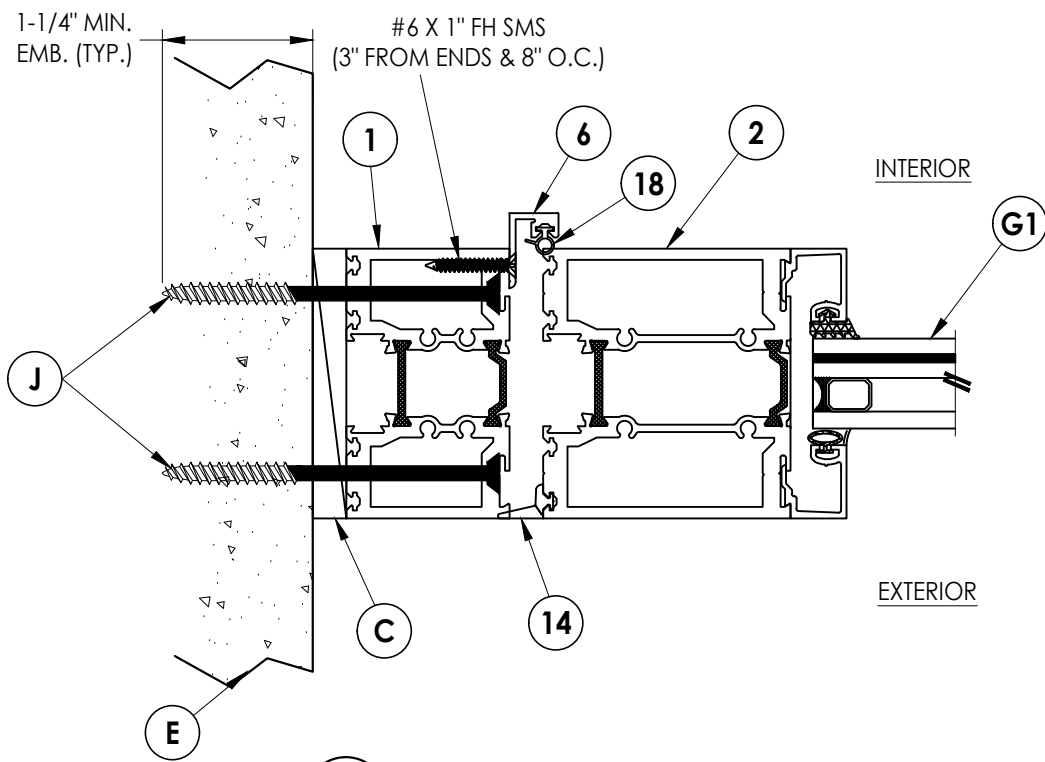
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| 2/07/24      | 1   | 7/03/26 | LFS |
| SCALE:       |     |         |     |
| DWG. BY:     |     |         |     |
| CHK. BY:     |     |         |     |
| DRAWING NO.: |     |         |     |
| SHEET        |     |         |     |

| PRODUCT:   | PART OR ASSEMBLY:                              |
|------------|------------------------------------------------|
| Therma-Tru | HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK) |

|                                                               |                                                                                                                              |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 | <b>RW</b> BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|



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



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

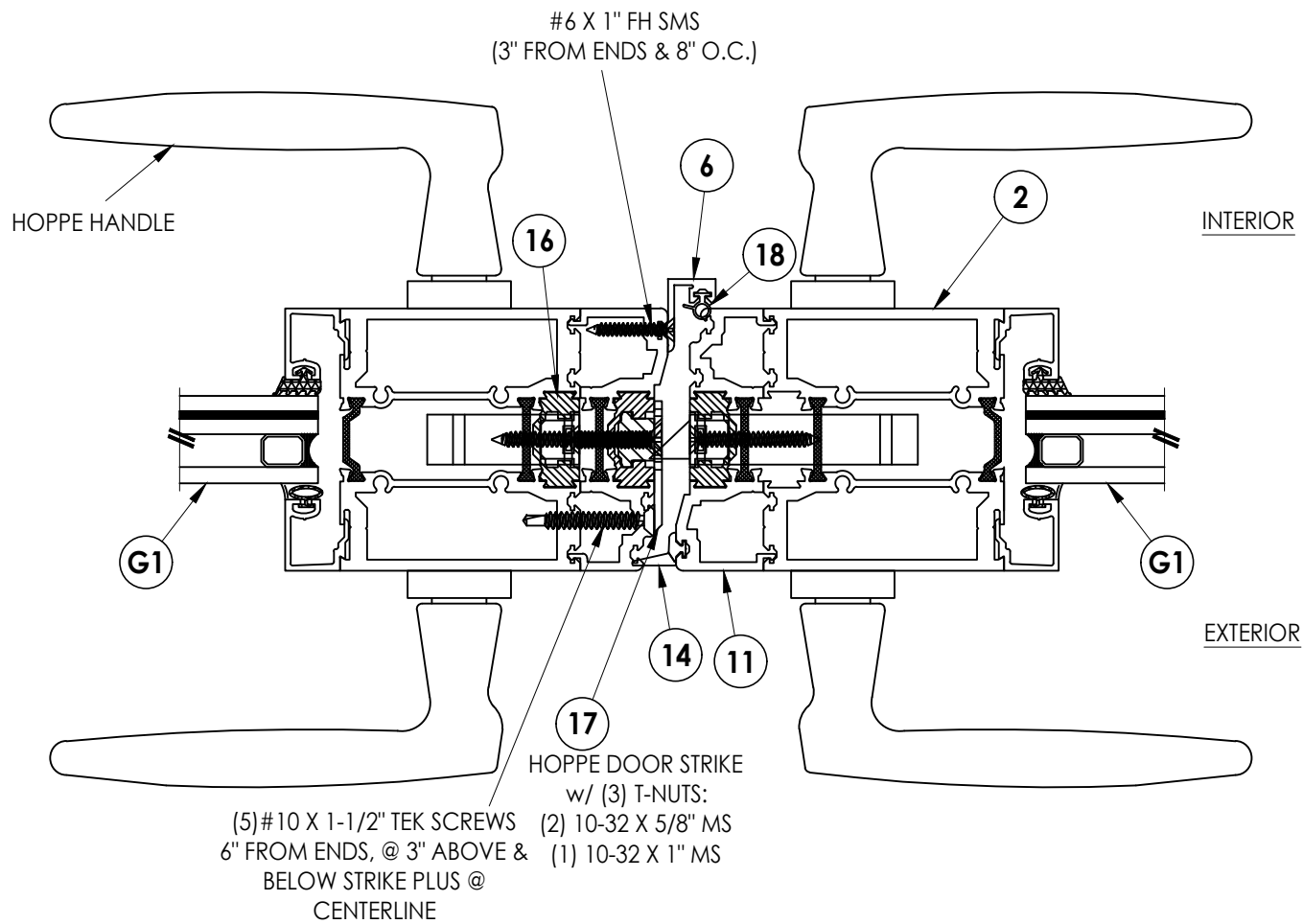
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| SCALE:       | N.T.S.                |
| DWG. BY:     | LFS                   |
| CHK. BY:     | RW                    |
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| SHEET        | <u>6</u> OF <u>10</u> |

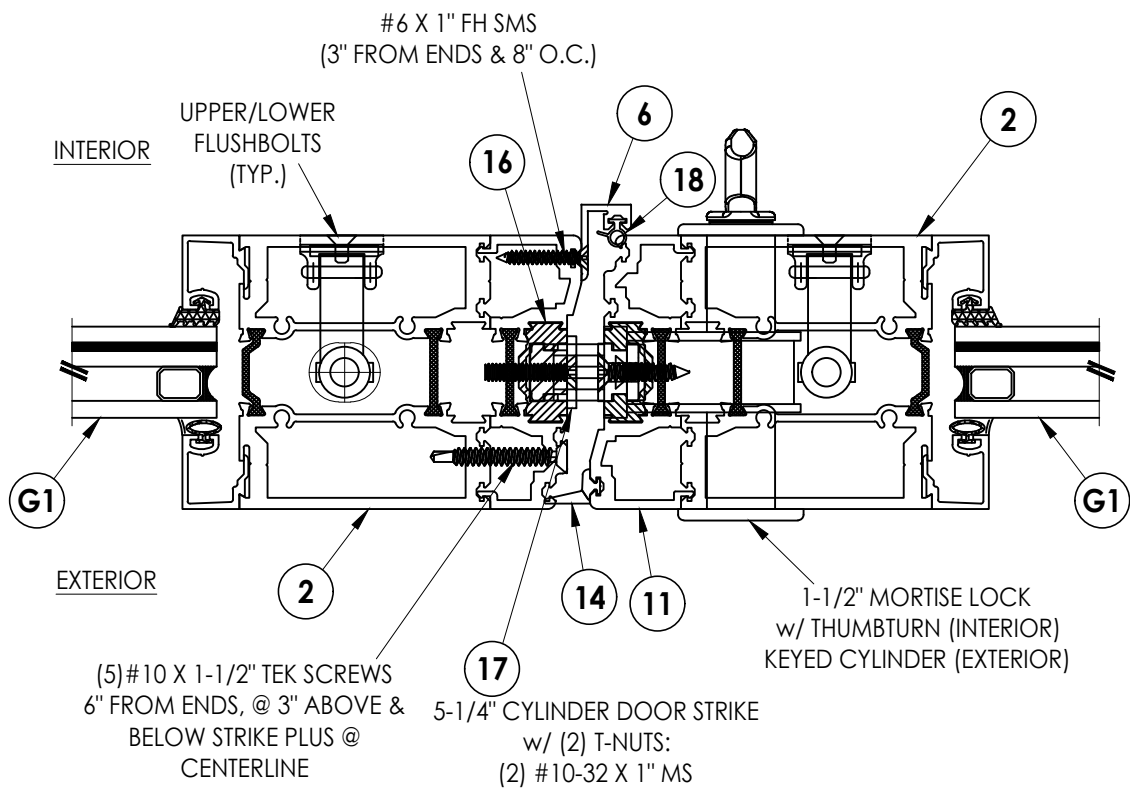
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1  
7 **HORIZONTAL CROSS SECTION**



2  
7 **HORIZONTAL CROSS SECTION**

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PRODUCT: THERMA-TRU

PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS

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

DATE: 2/07/24

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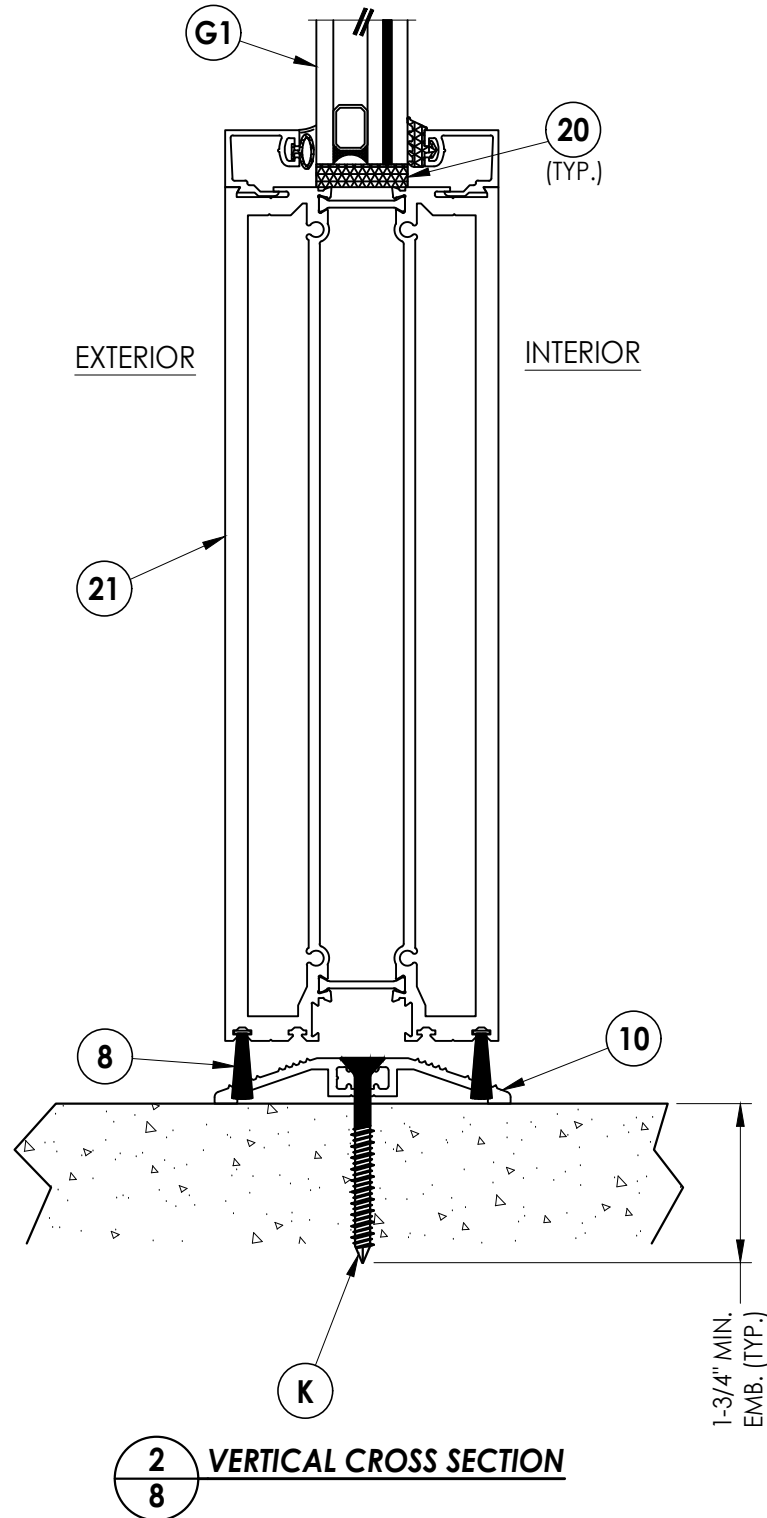
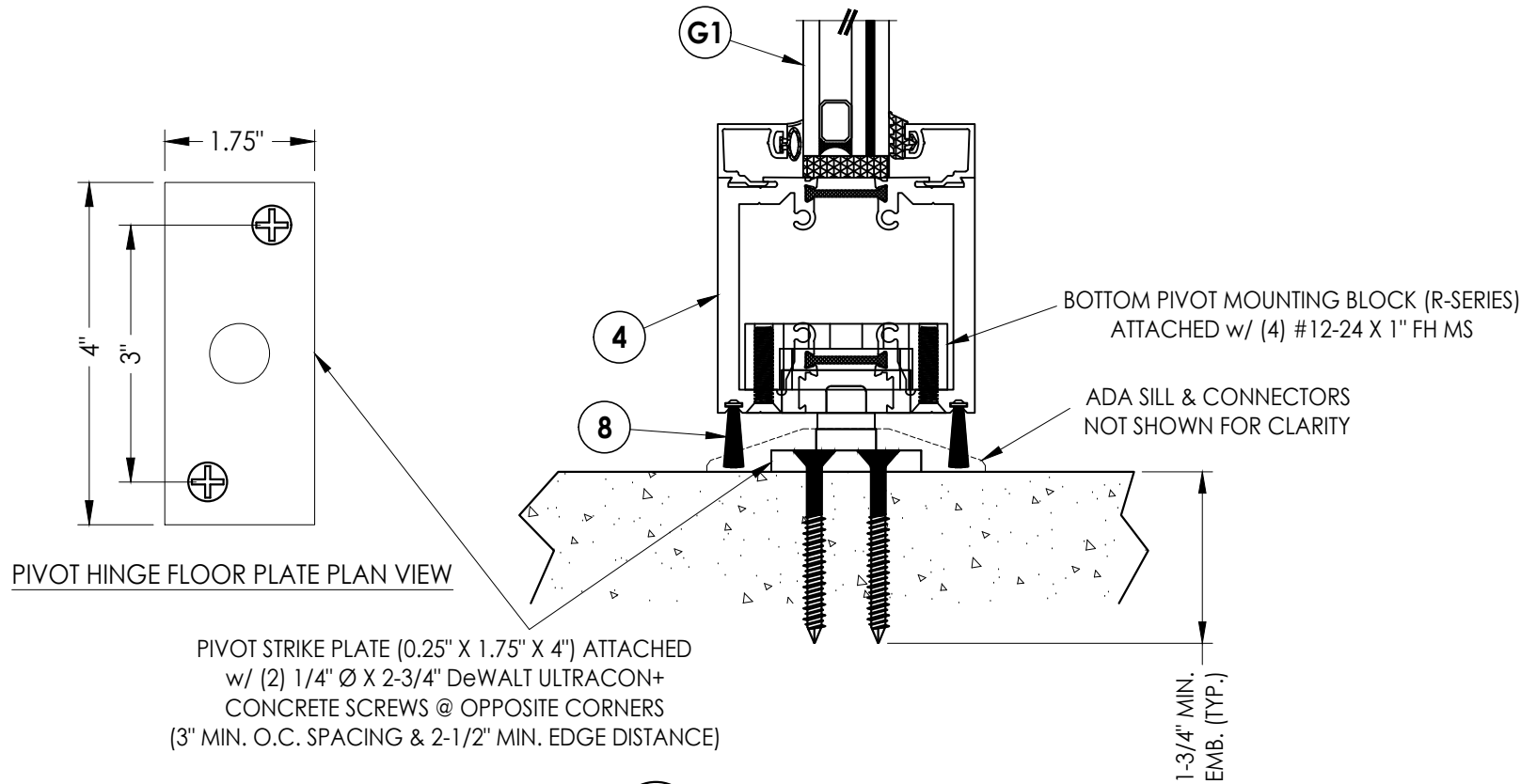
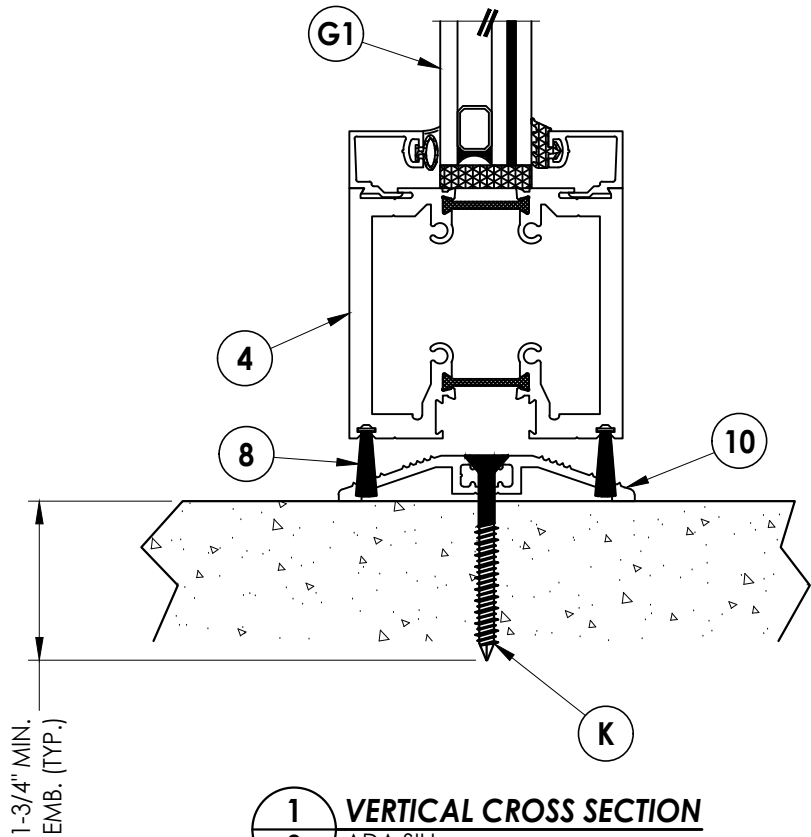
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DRAWING NO.: FL-46173.8

SHEET 7 OF 10

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Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: THERMA-TRU

PART OR ASSEMBLY:  
VERTICAL CROSS SECTIONS

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

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SCALE: N.T.S.

DWG. BY: JK

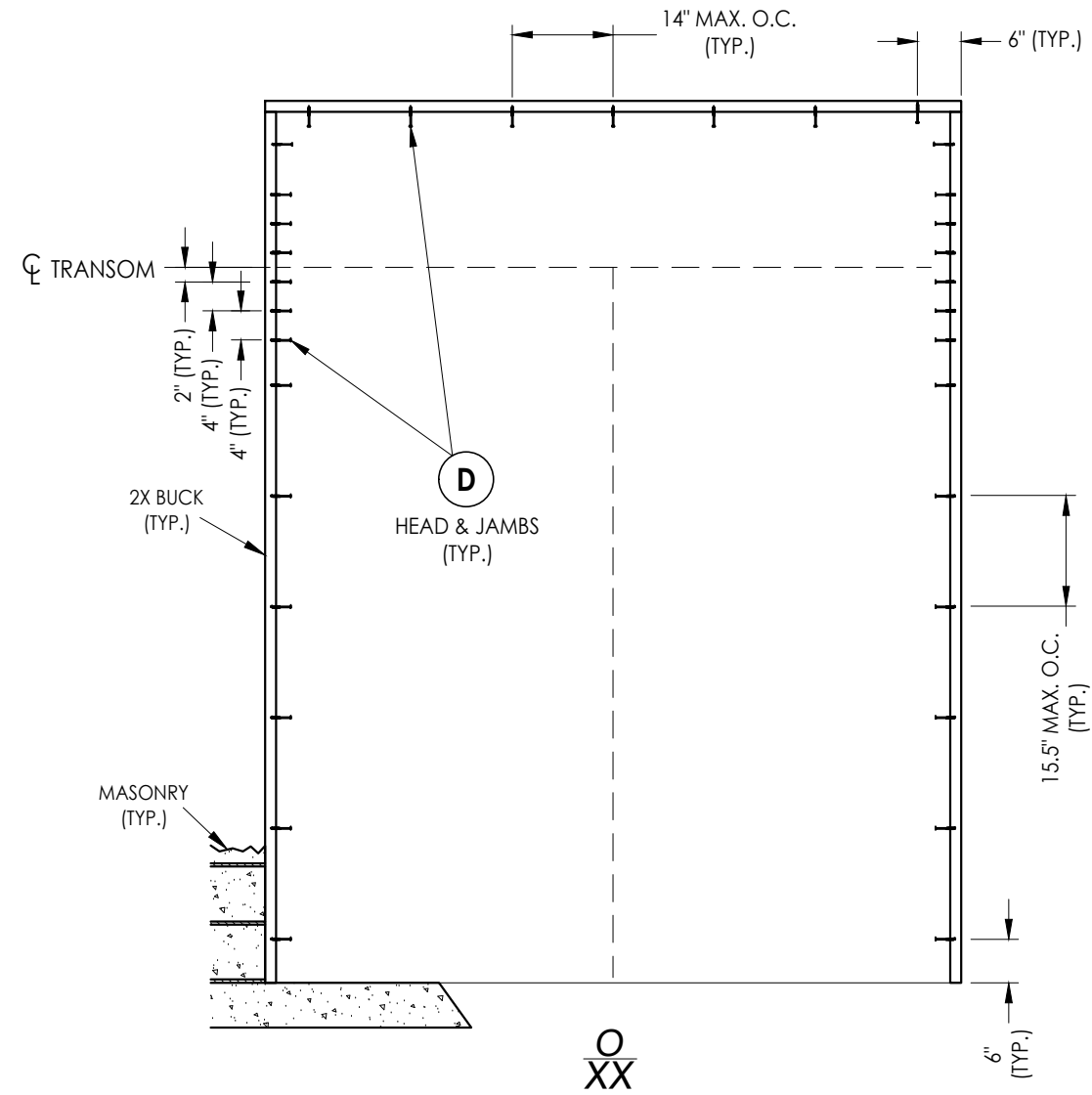
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FL-46173.8

SHEET 8 OF 10

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2X BUCK ANCHORING

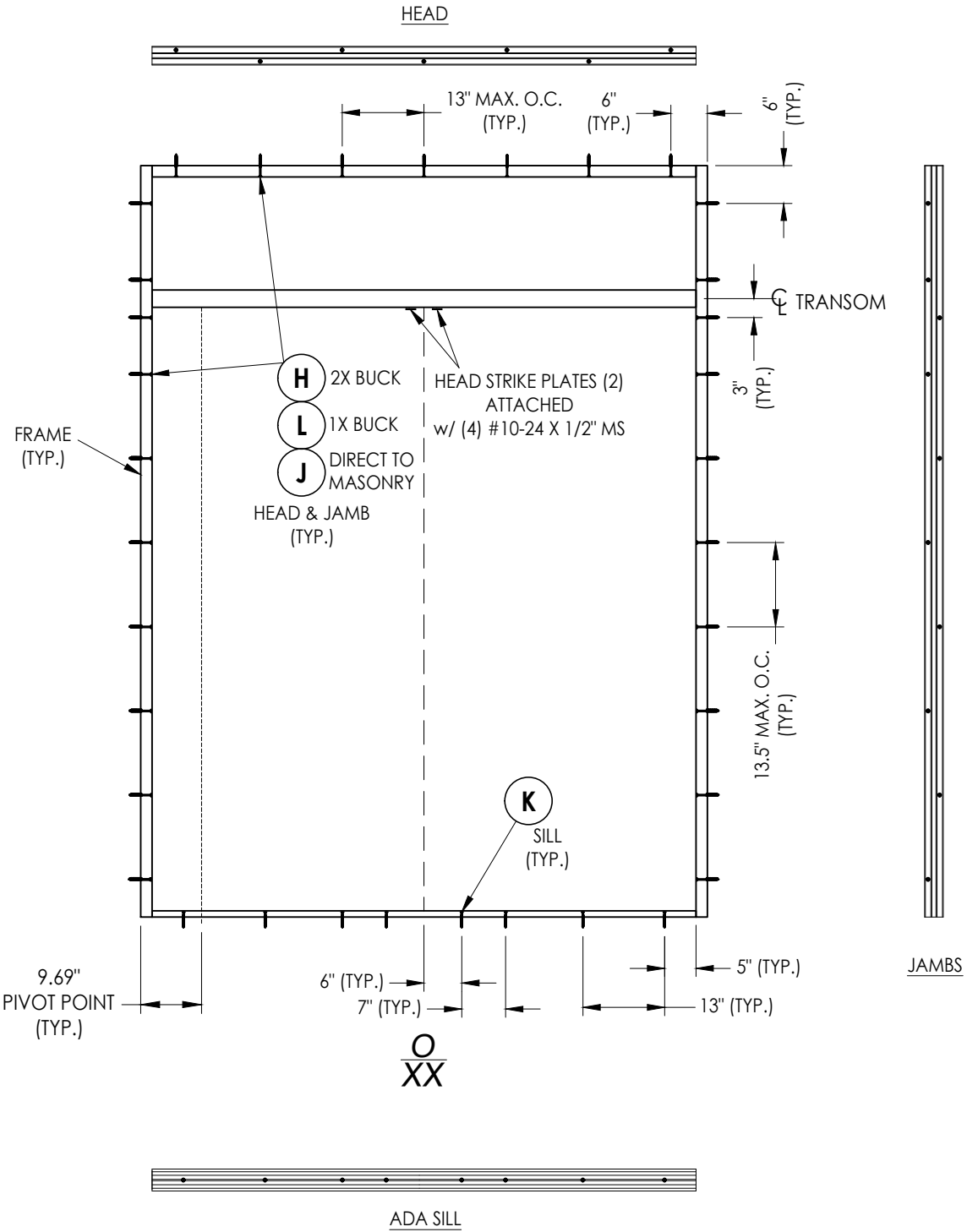
CONCRETE ANCHOR NOTES:

- 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"<br>1-3/4" (SILL) | 2"                             | 4"                                |
| DeWALT ULTRACON® | 1/4"        | 1-1/4"<br>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

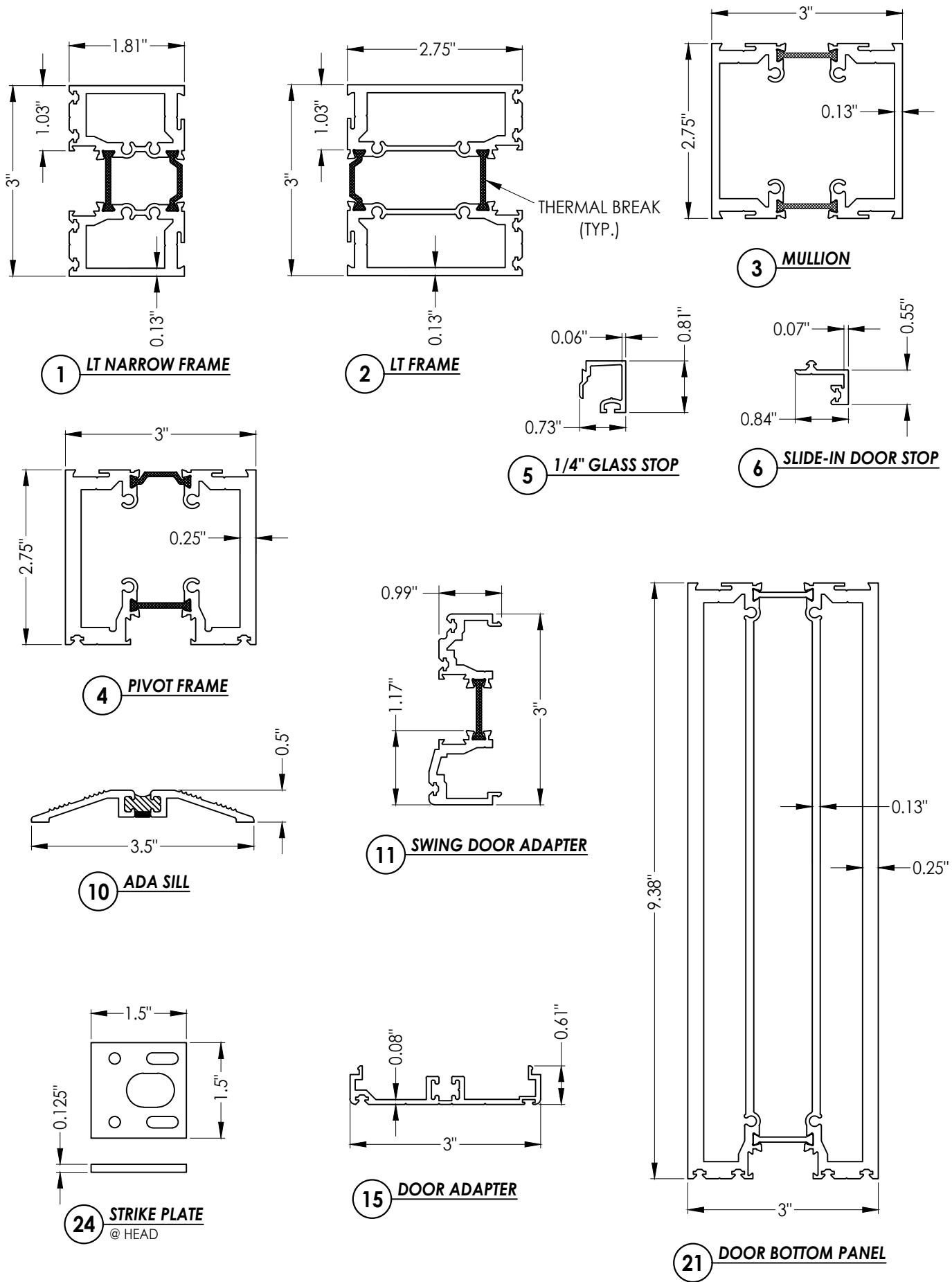
NOTE: ALL FRAME ANCHORS SHOWN ARE STAGGERED EXCEPT FOR THE ADA SILL ANCHORS (SEE CROSS-SECTIONS)

|                                                               |  |                                                                                                                    |                              |
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| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Vairico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |                              |
| PRODUCT:<br>THERMA TRU                                        |  | PART OR ASSEMBLY:<br>BUCK & FRAME ANCHORING                                                                        |                              |
|                                                               |  | DATE                                                                                                               | REVISIONS                    |
|                                                               |  | 1 7/03/26                                                                                                          | UPDATE TO 9TH ED. (2026) FBC |
|                                                               |  | NO.                                                                                                                | BY                           |
| DATE: 2/07/24                                                 |  |                                                                                                                    |                              |
| SCALE: N.T.S.                                                 |  |                                                                                                                    |                              |
| DWG. BY: JK                                                   |  |                                                                                                                    |                              |
| CHK. BY: RW                                                   |  |                                                                                                                    |                              |
| DRAWING NO.: FL-46173.8                                       |  |                                                                                                                    |                              |
| SHEET 9 OF 10                                                 |  |                                                                                                                    |                              |

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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.



|                                                               |         |                                                                                                                                   |           |
|---------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------|-----------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         | R <sup>W</sup> BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |           |
| 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.                                                 |         |                                                                                                                                   |           |
| DWG. BY: JK                                                   |         |                                                                                                                                   |           |
| CHK. BY: RW                                                   |         |                                                                                                                                   |           |
| DRAWING NO.: FL-46173.8                                       |         |                                                                                                                                   |           |
| SHEET 10 OF 10                                                |         |                                                                                                                                   |           |