

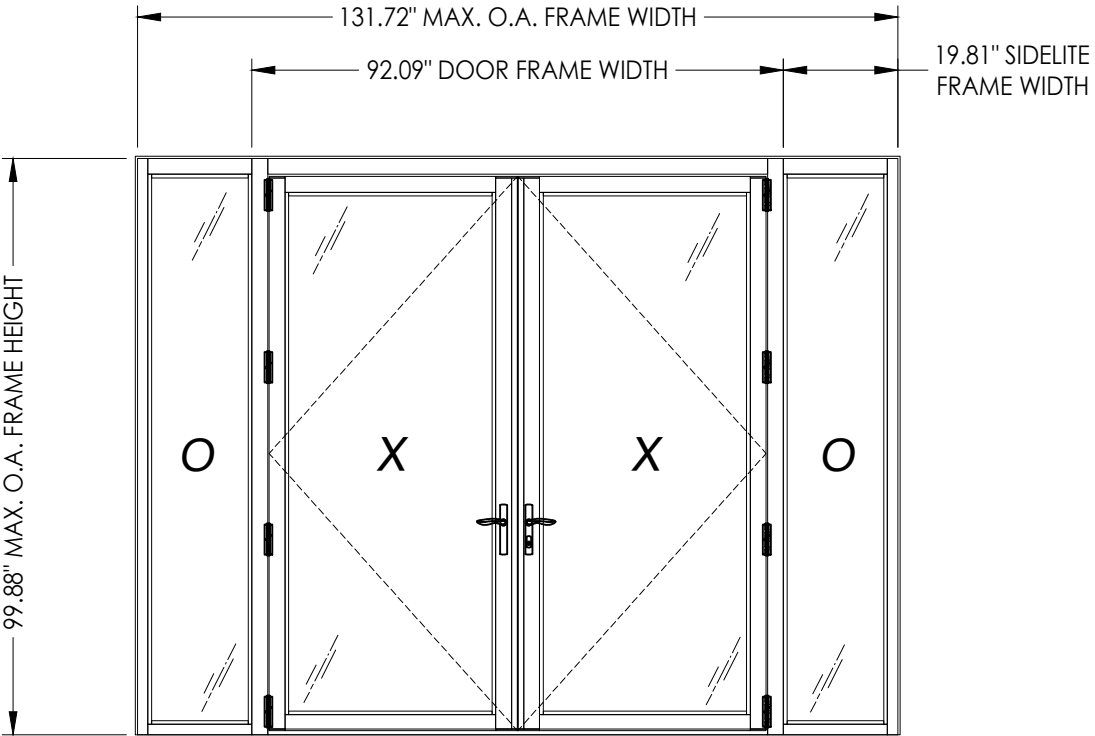
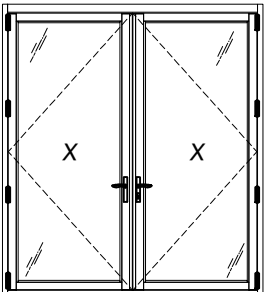


"VERIS V3" GLAZED ALUMINUM DOOR
DOUBLE w/ or w/out SIDELITES
OUTSWING
"NON-IMPACT"

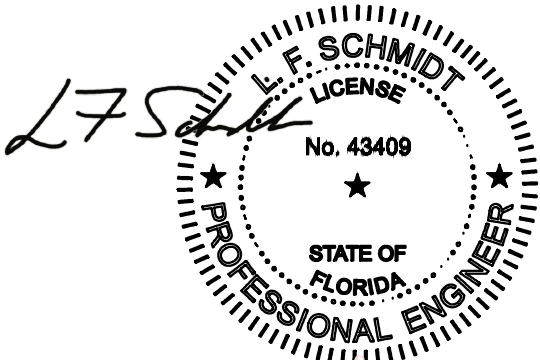
GENERAL NOTES

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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1	Typical Elevations, Design Pressures & General Notes
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3	Elevations
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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 Anchoring
10	Frame Anchoring
11	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	DOOR MAX. D.L.O.	SIDELITE MAX. D.L.O.	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
OXXO	131.72" x 99.88"	35.25" X 89.25"	16.75" X 94.06"	+50.0	-50.0
XX	90.22" x 99.88"	35.25" X 89.25"	N/A	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.08.10 15:56:04 -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.

DWG. BY: LFS

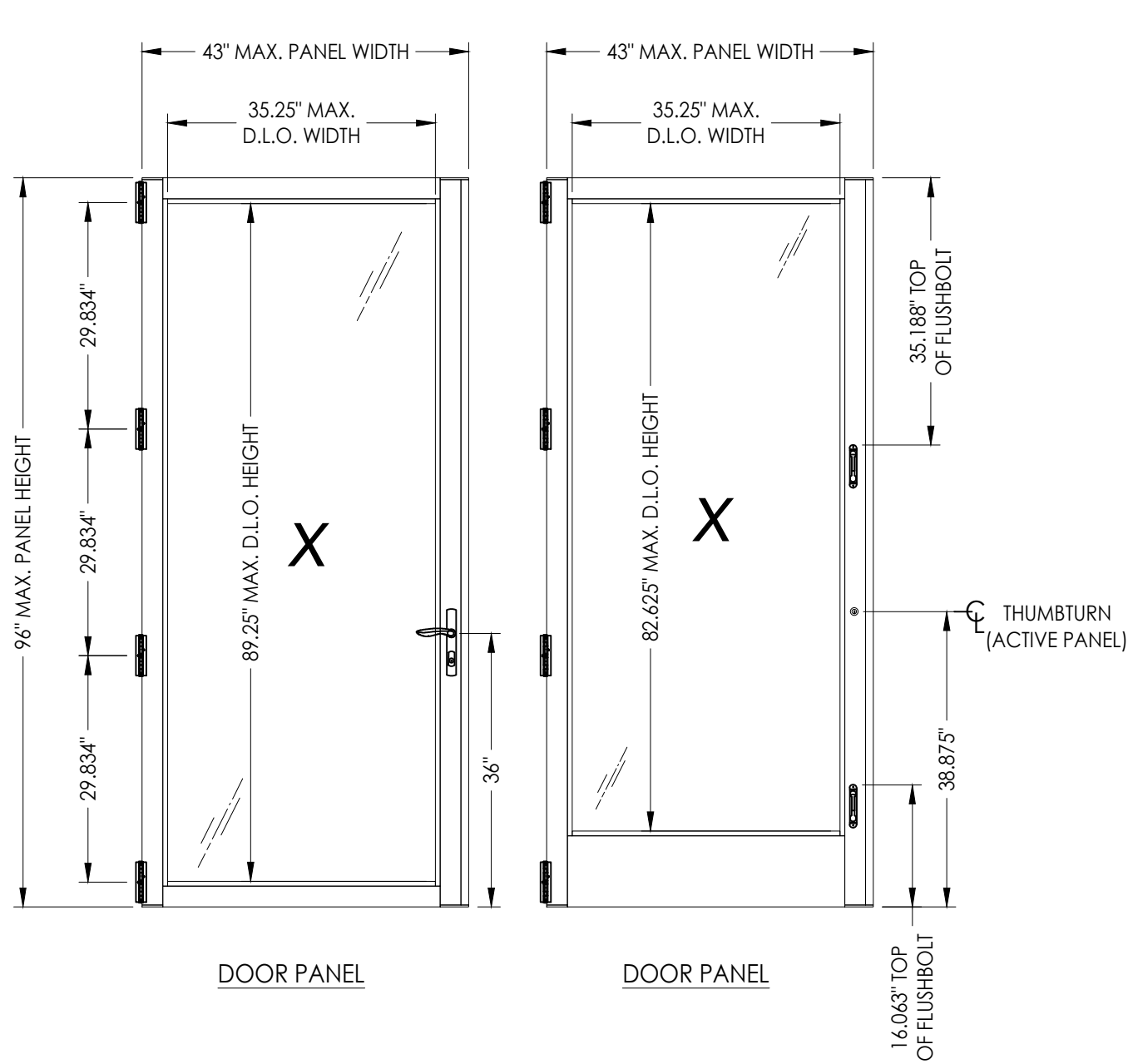
CHK. BY: RW

DRAWING NO.: FL-46172.2

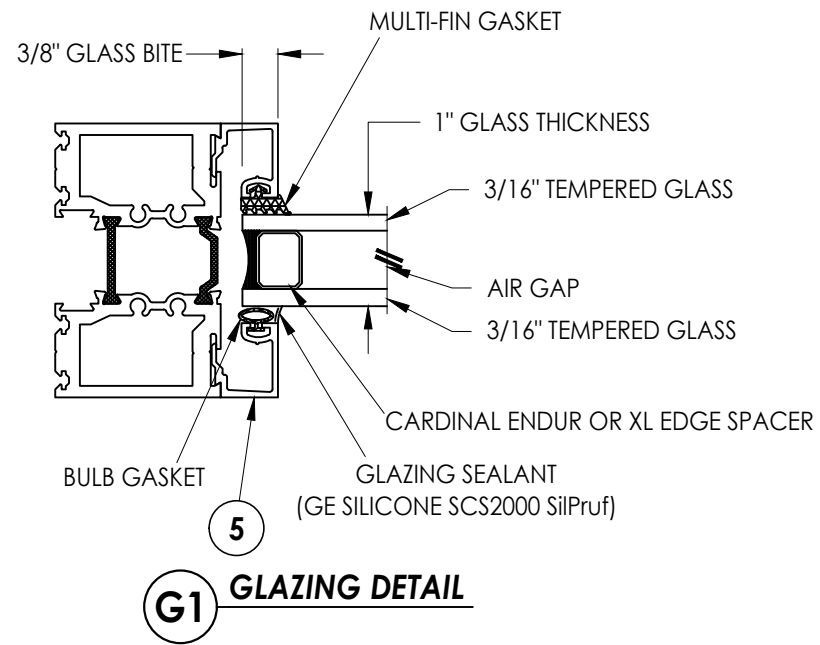
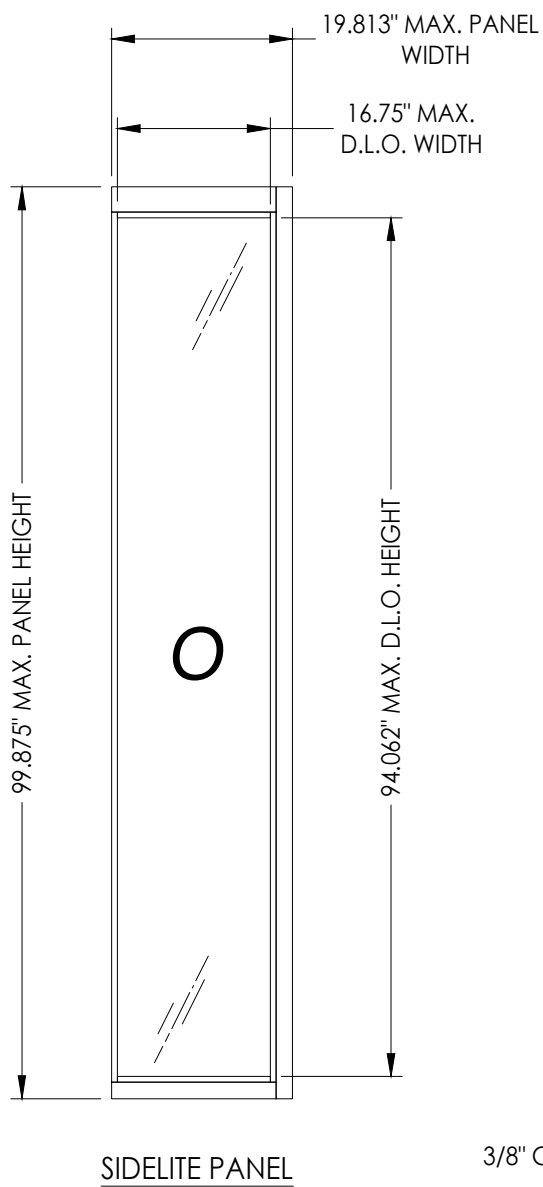
SHEET 1 OF 11

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Phone No.: 813.659.9197
FBPE Registry No. 9813

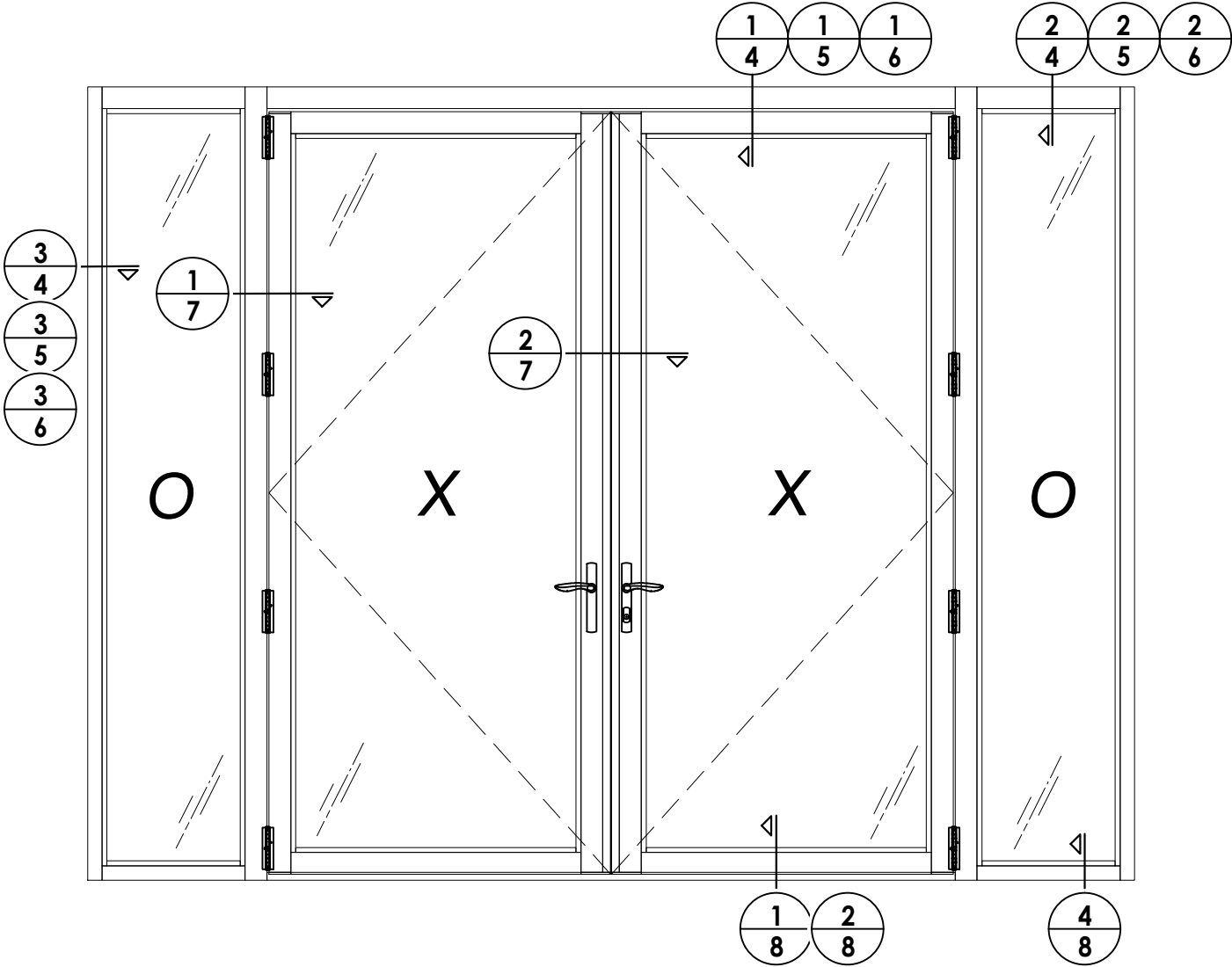
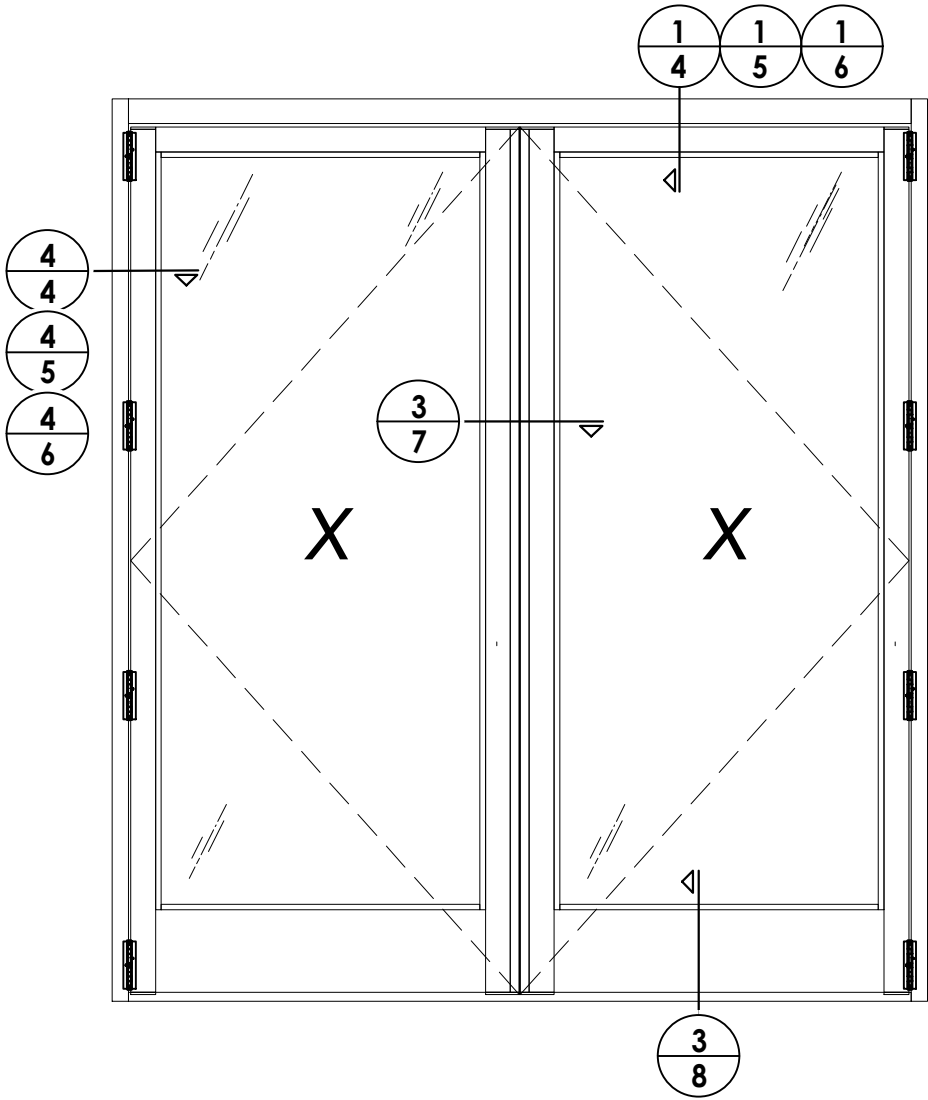
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HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	<u>HOPPE HLS9000</u> ACTIVE: LEVER w/ 3 pt. LOCK INACTIVE: LEVER w/ 2 pt. LOCK
ADAMS RITE	ACTIVE: THUMBTURN & KEYED CYLINDER MS+ 1890 SERIES DEADBOLT
TERRY HINGE & HARDWARE	ACTIVE & INACTIVE: FLUSHBOLTS

[illegible]

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SHEET 3 OF 11

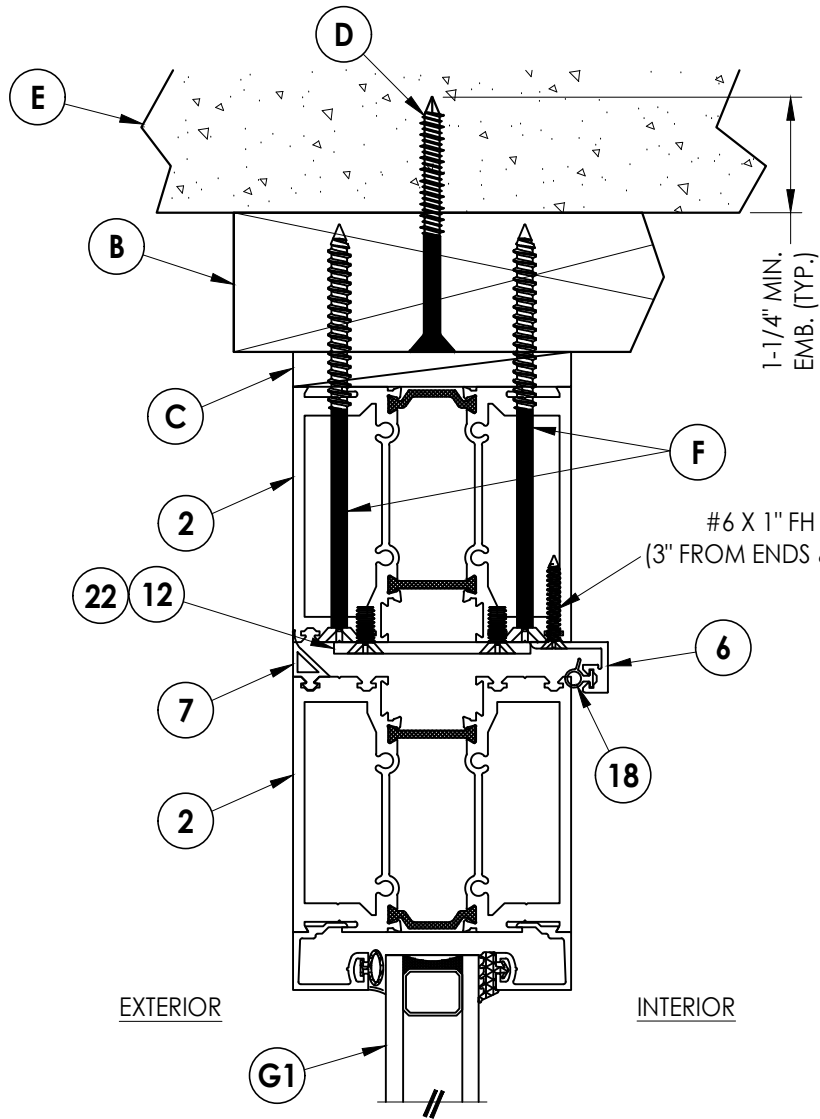
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1	7/03/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

PRODUCT:	THERMA-TRU
PART OR ASSEMBLY:	ELEVATIONS

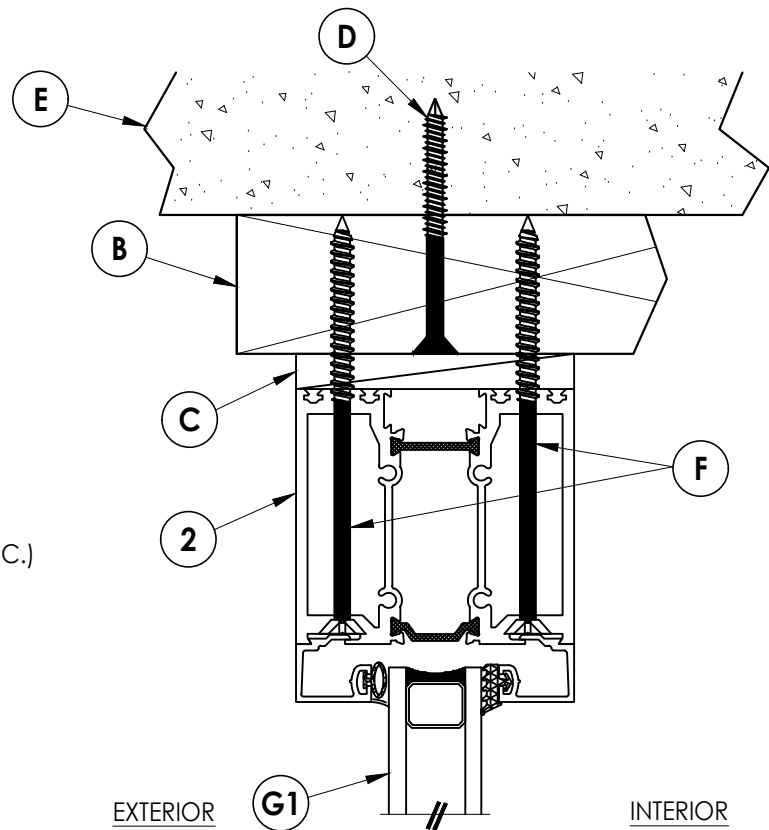
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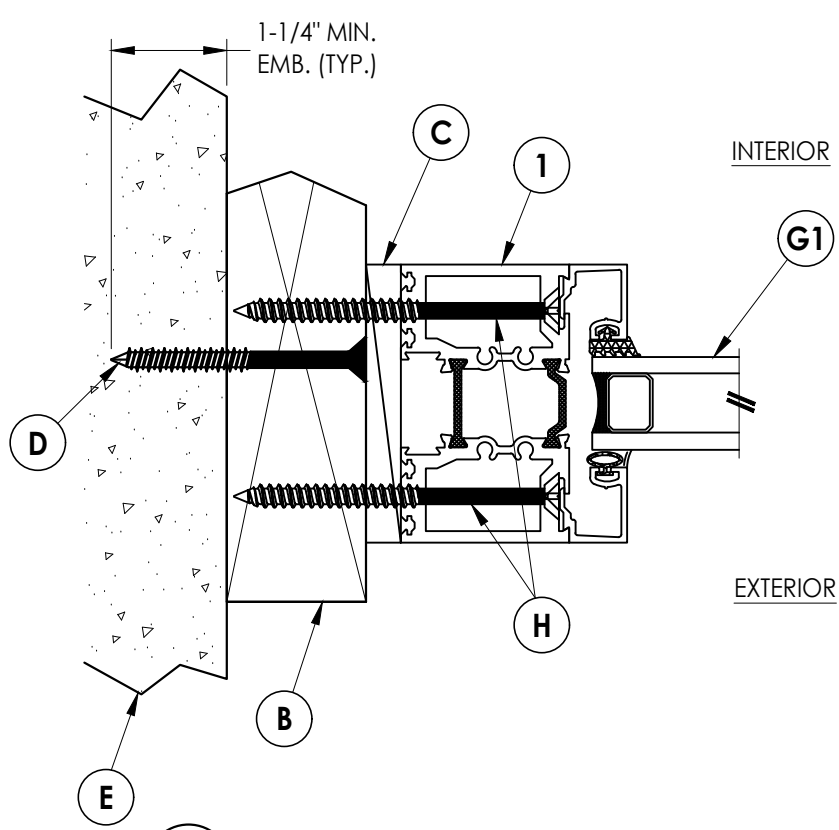
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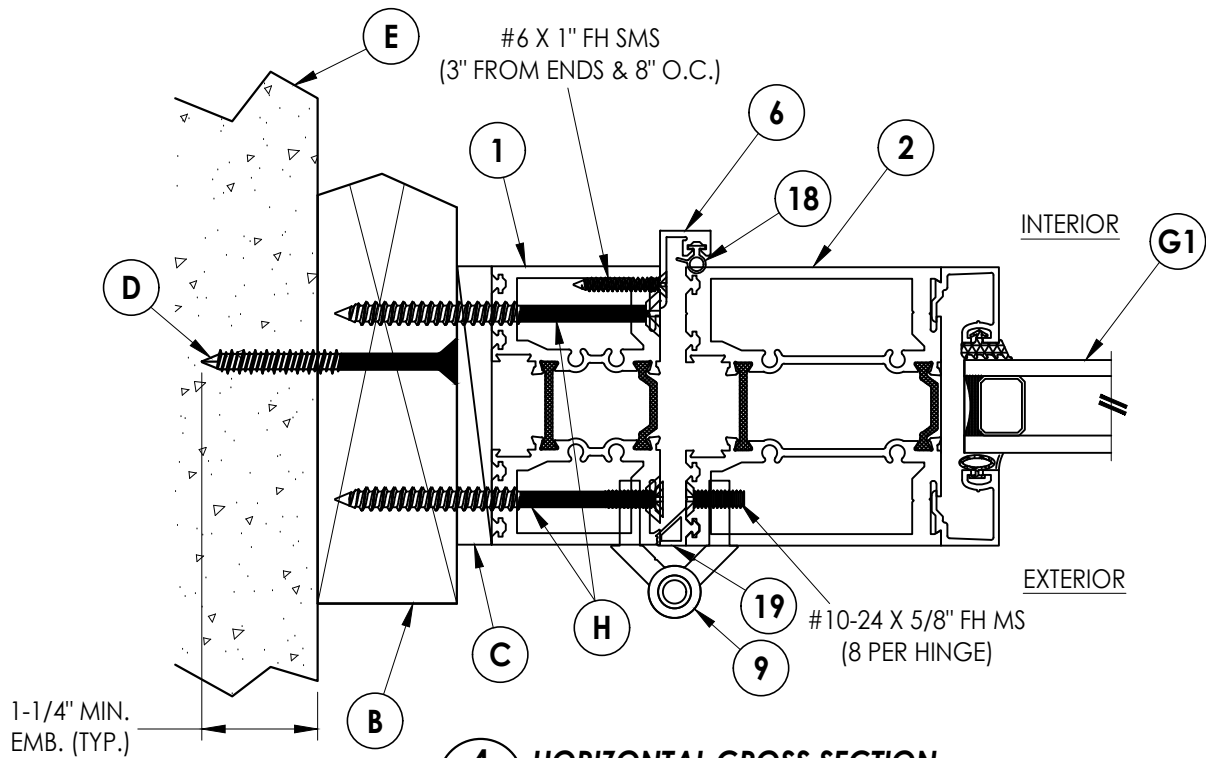
1
4 VERTICAL CROSS SECTION
Shown w/ 2X Buck



2
4 VERTICAL CROSS SECTION
Shown w/ 2X Buck



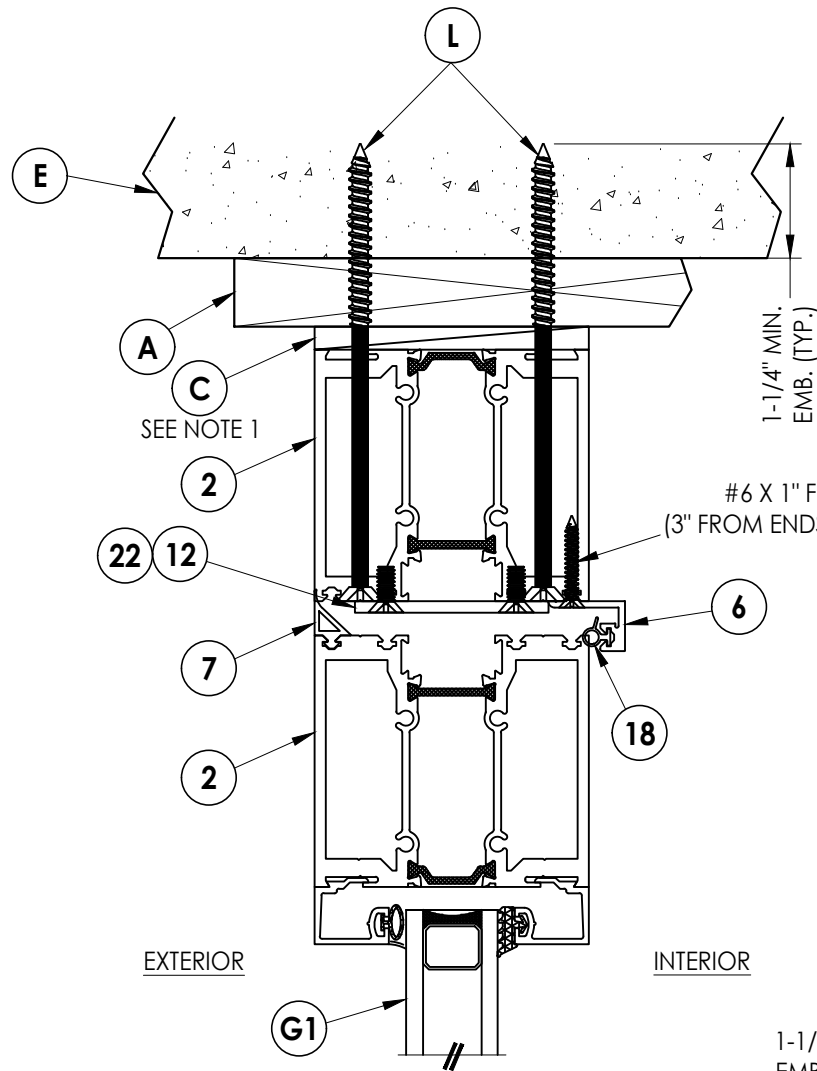
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4 HORIZONTAL CROSS SECTION
Shown w/ 2X Buck



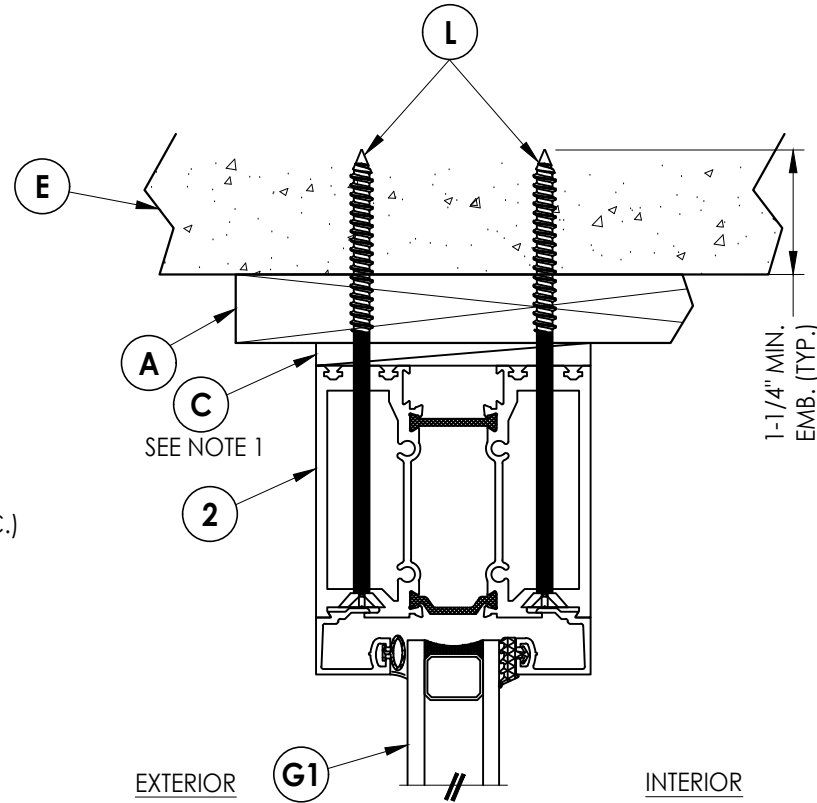
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4 HORIZONTAL CROSS SECTION
Shown w/ 2X Buck

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, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	

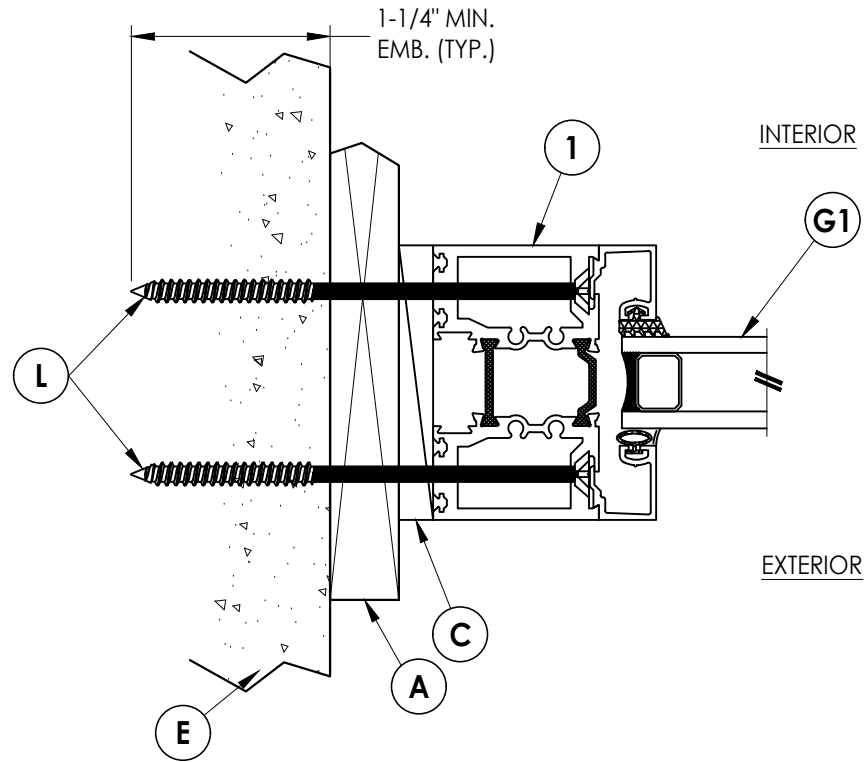
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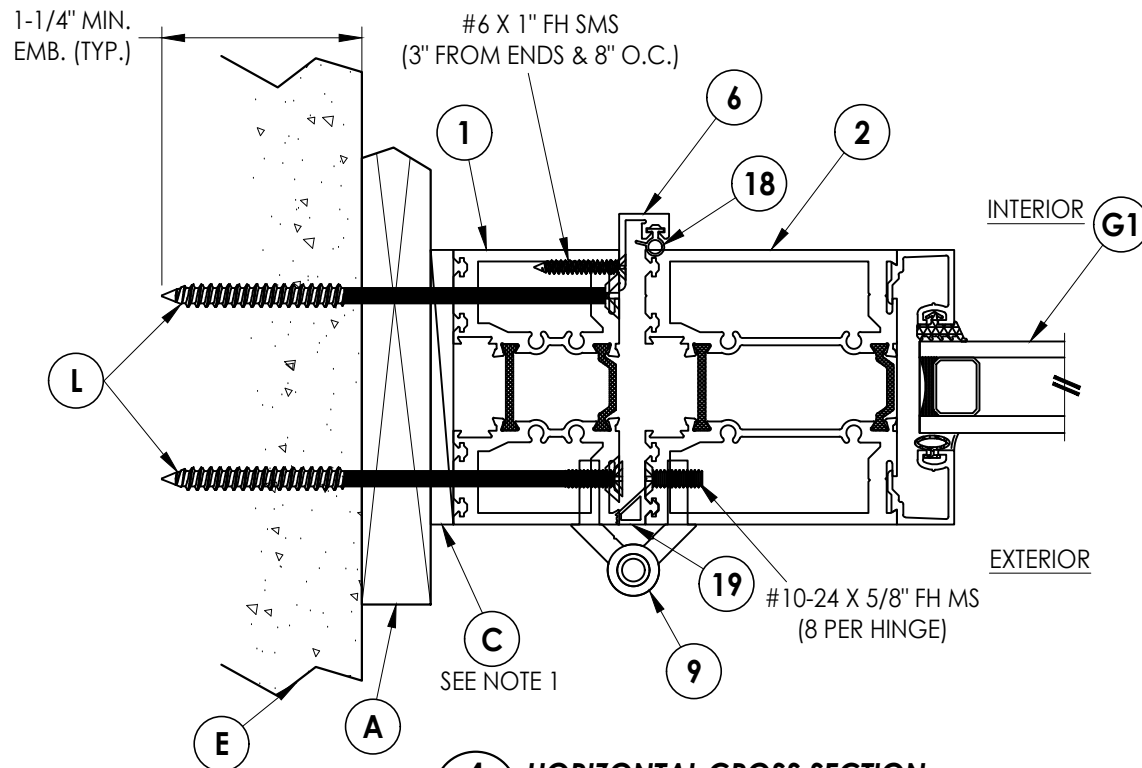
1
5 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck



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



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

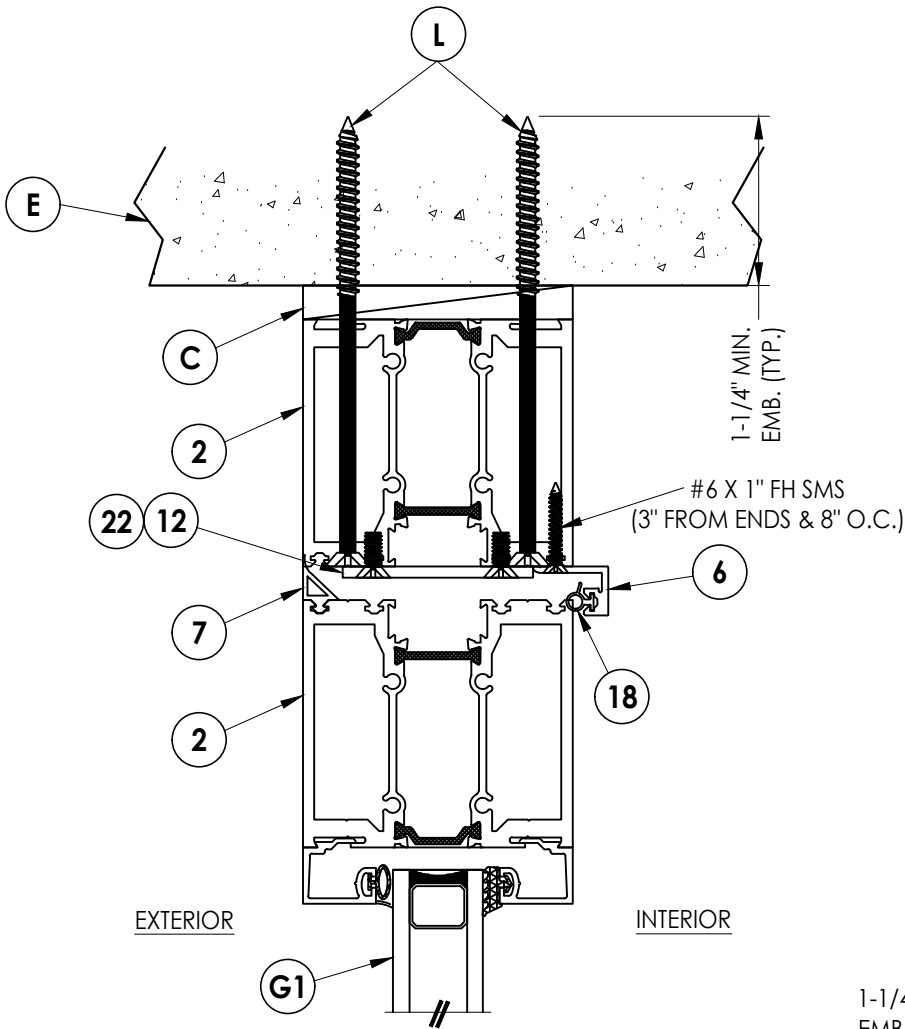


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5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck

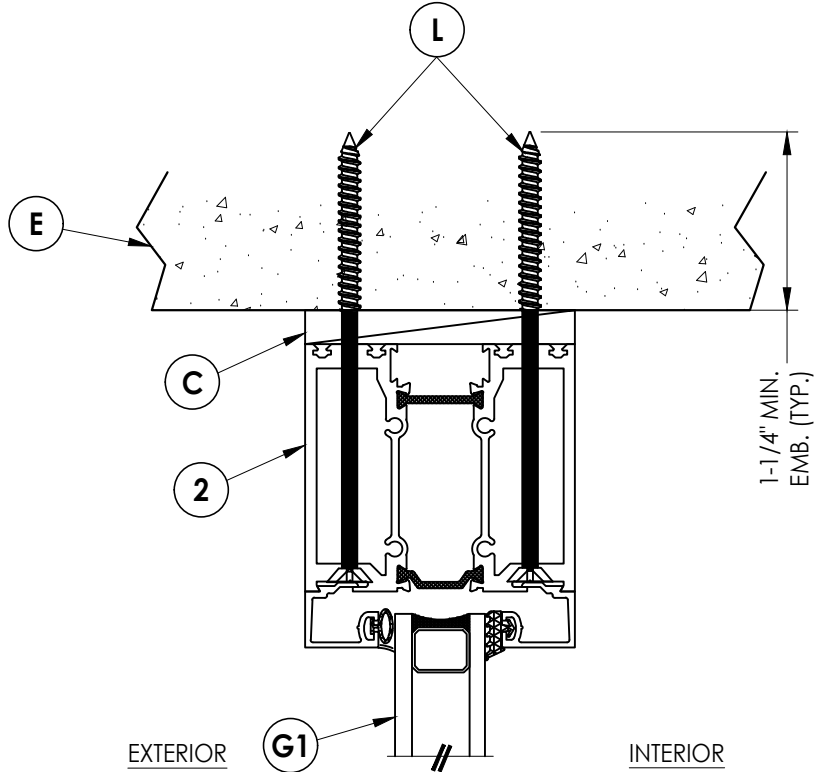
NOTE:
1. MAXIMUM 1/4" SHIM @ HEAD & JAMBS w/ 1X BUCK AS SHOWN.

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PRODUCT: THERMA-TRU				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			

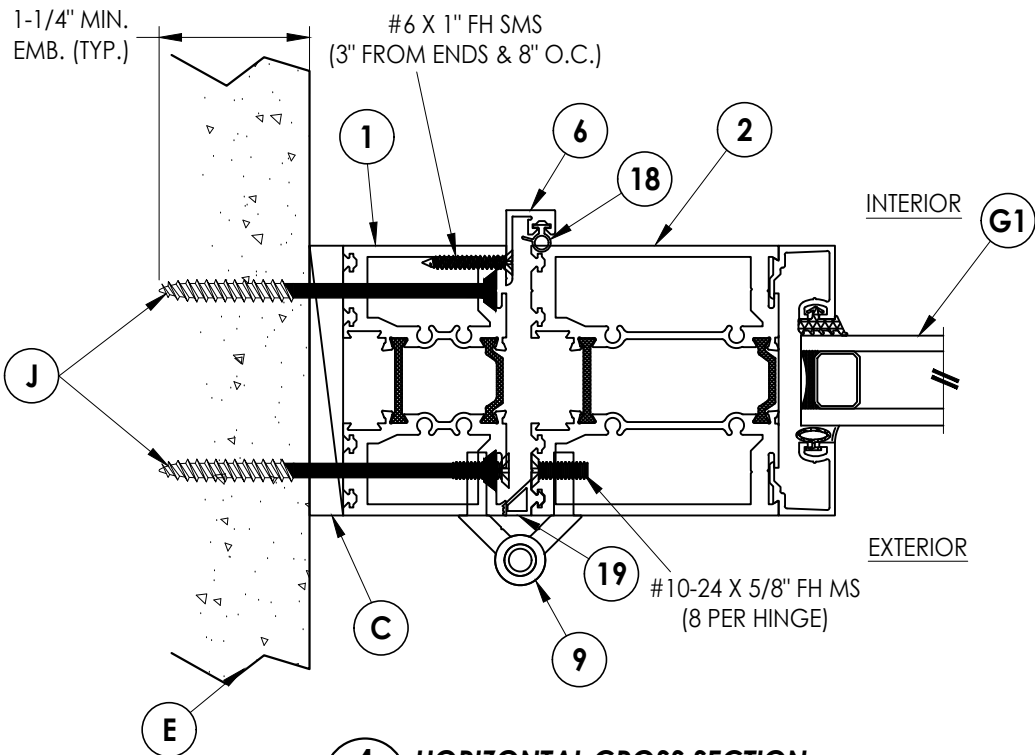
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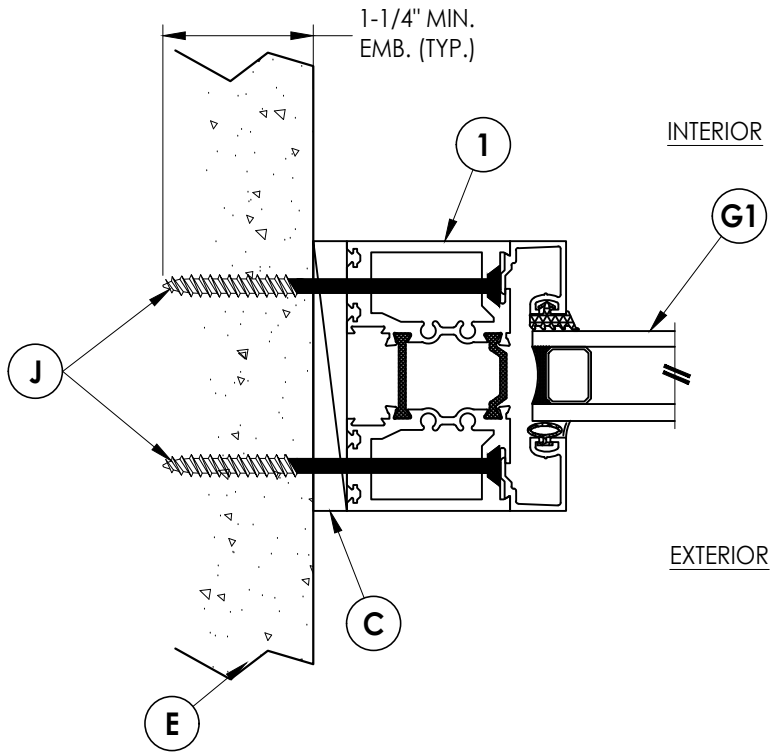
1
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry



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



4
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry



3
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry

DATE: 2/07/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46172.2

SHEET 6 OF 11

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PRODUCT: THERMA-TRU

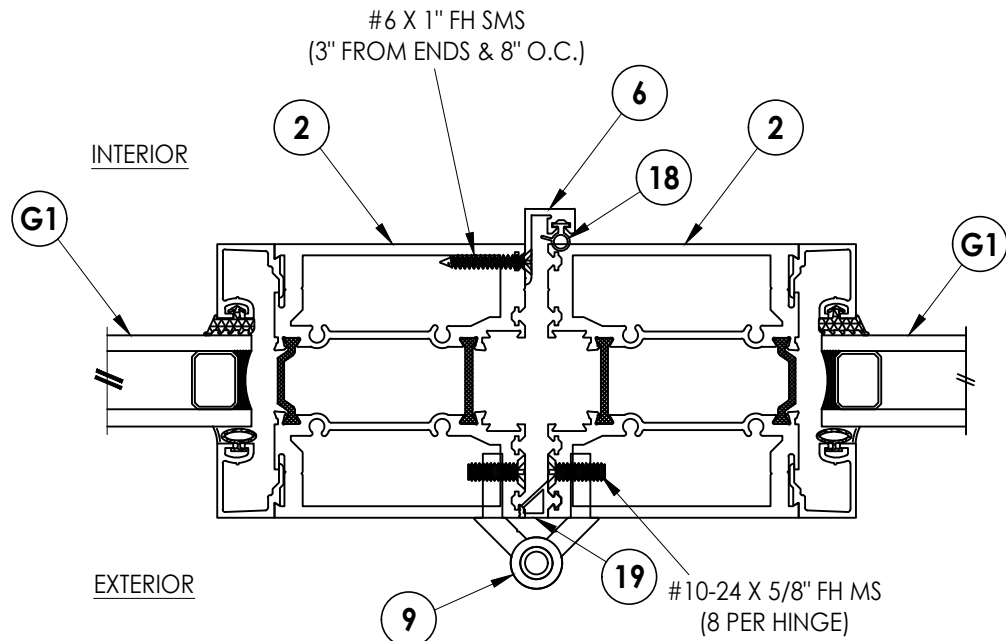
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

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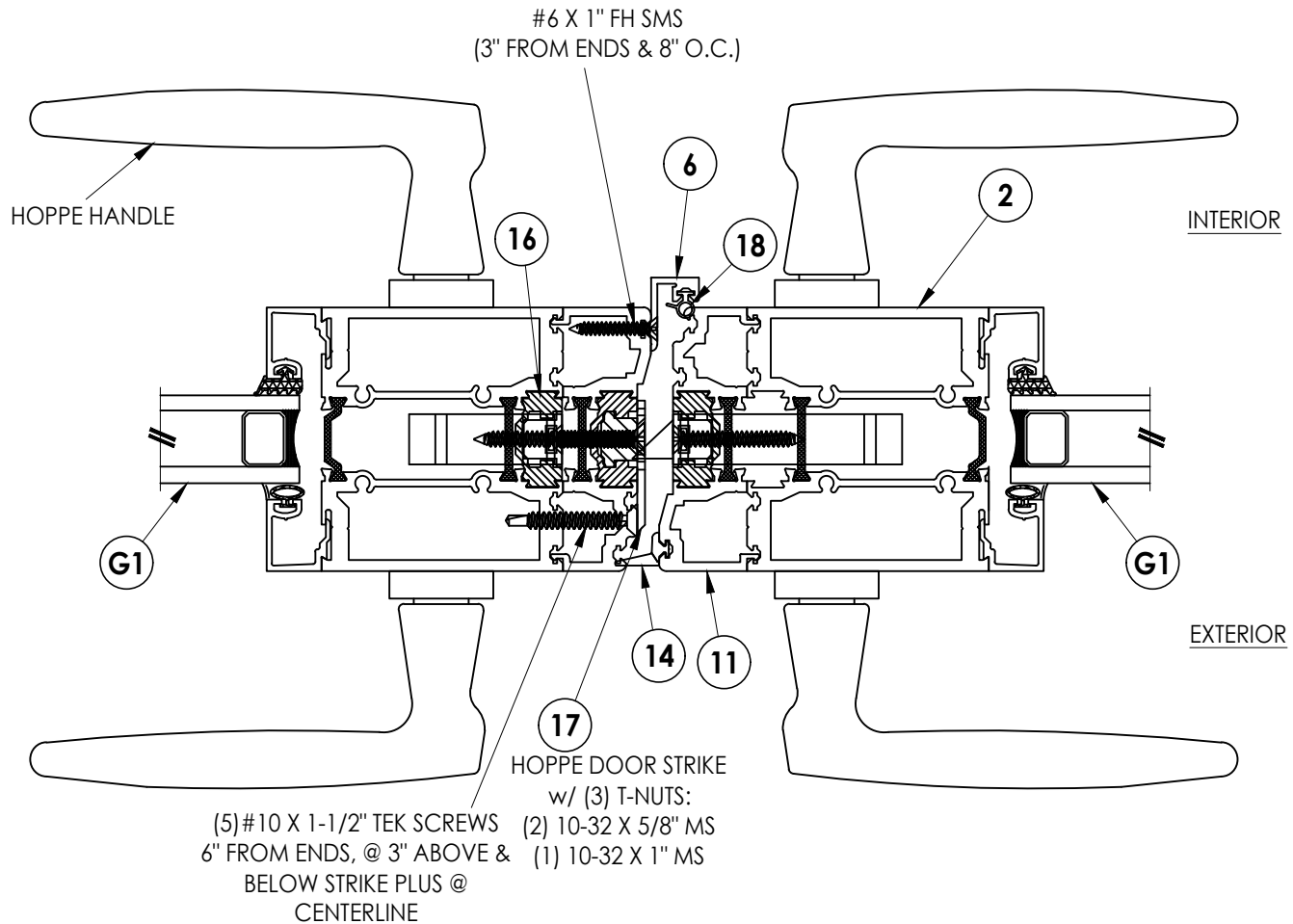
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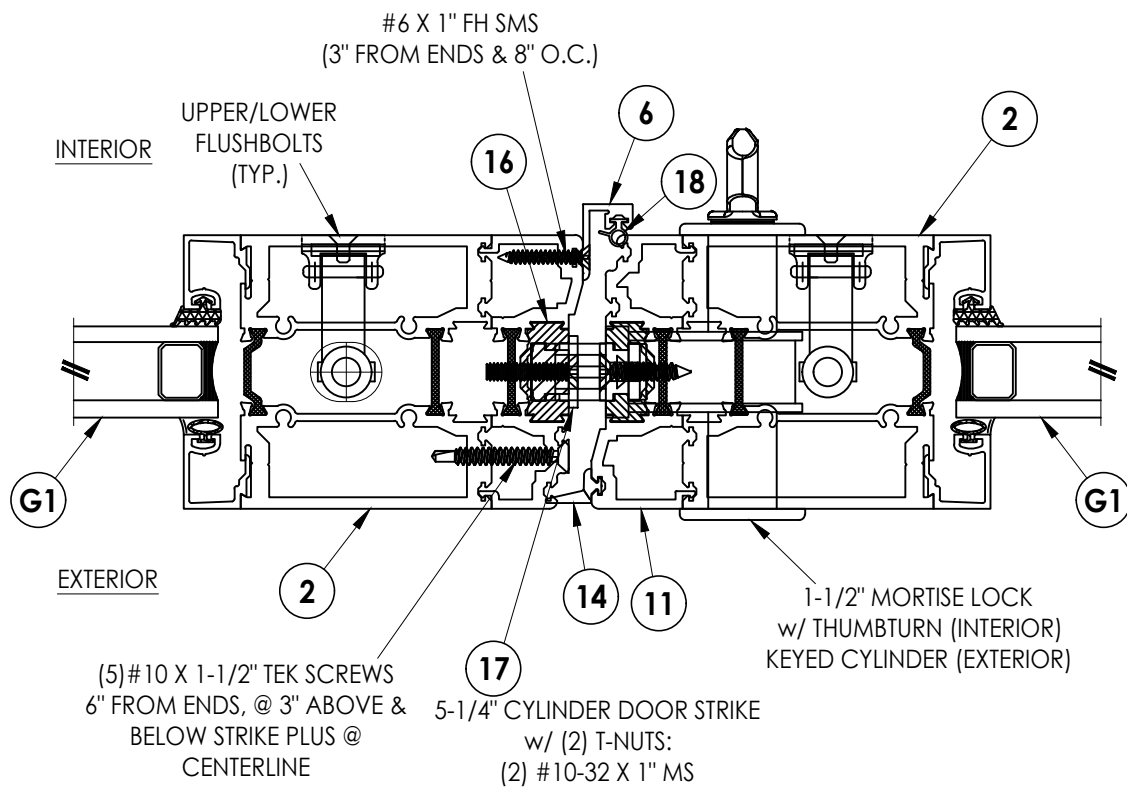
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1
7 HORIZONTAL CROSS SECTION



2
7 HORIZONTAL CROSS SECTION



3
7 HORIZONTAL CROSS SECTION

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: THERMA-TRU

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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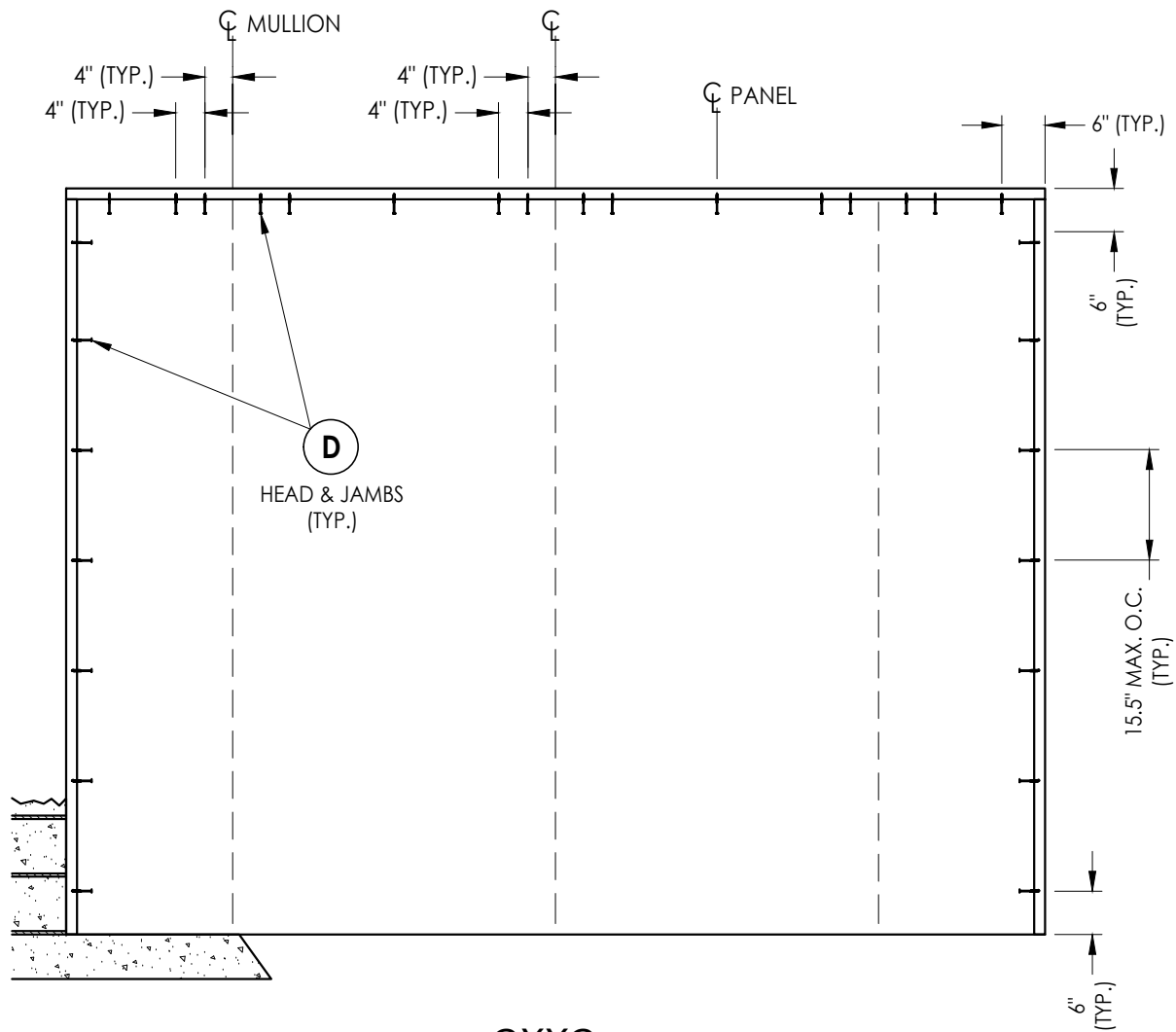
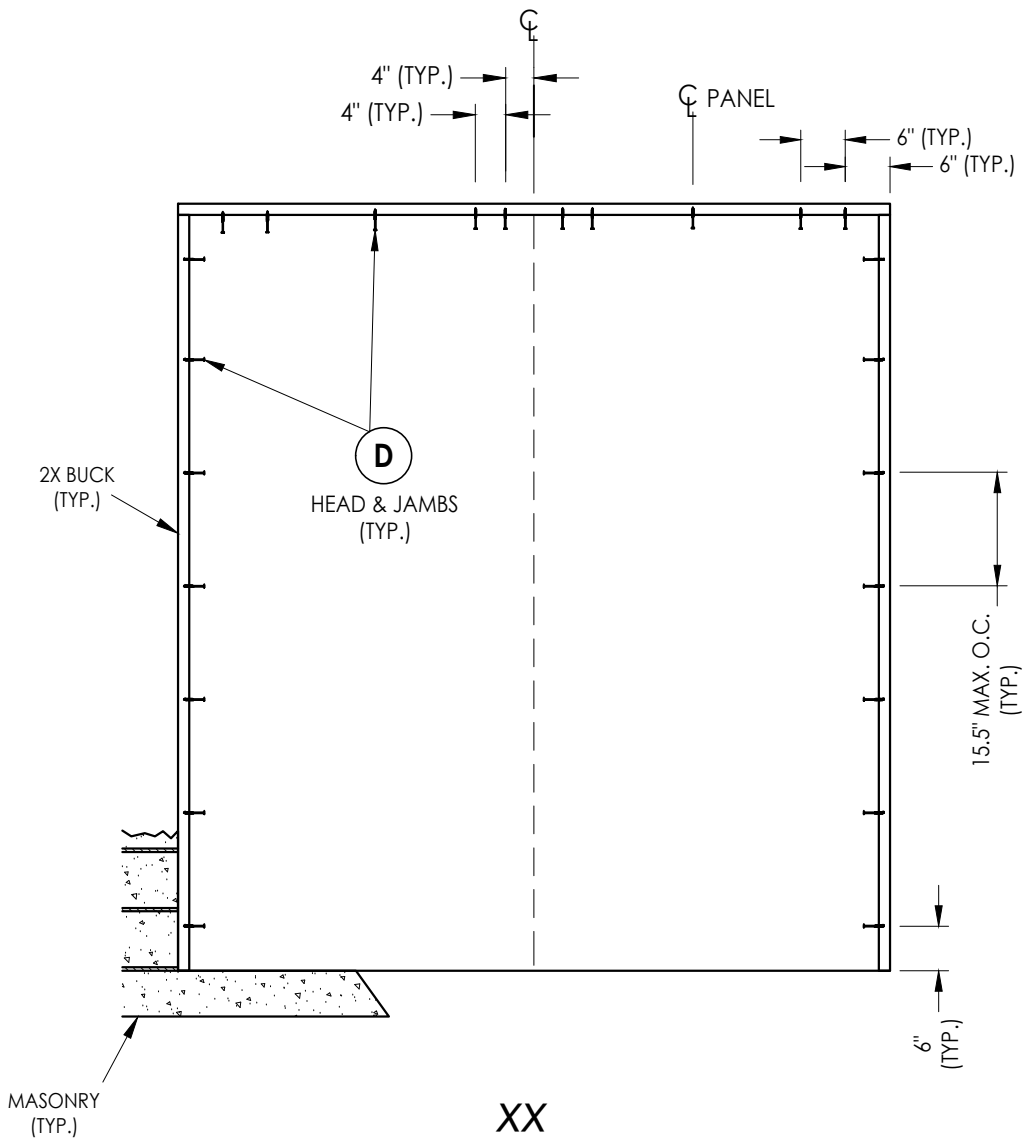
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SHEET 7 OF 11

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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.

Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

PRODUCT:
THERMA TRU

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
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DATE: 2/07/24

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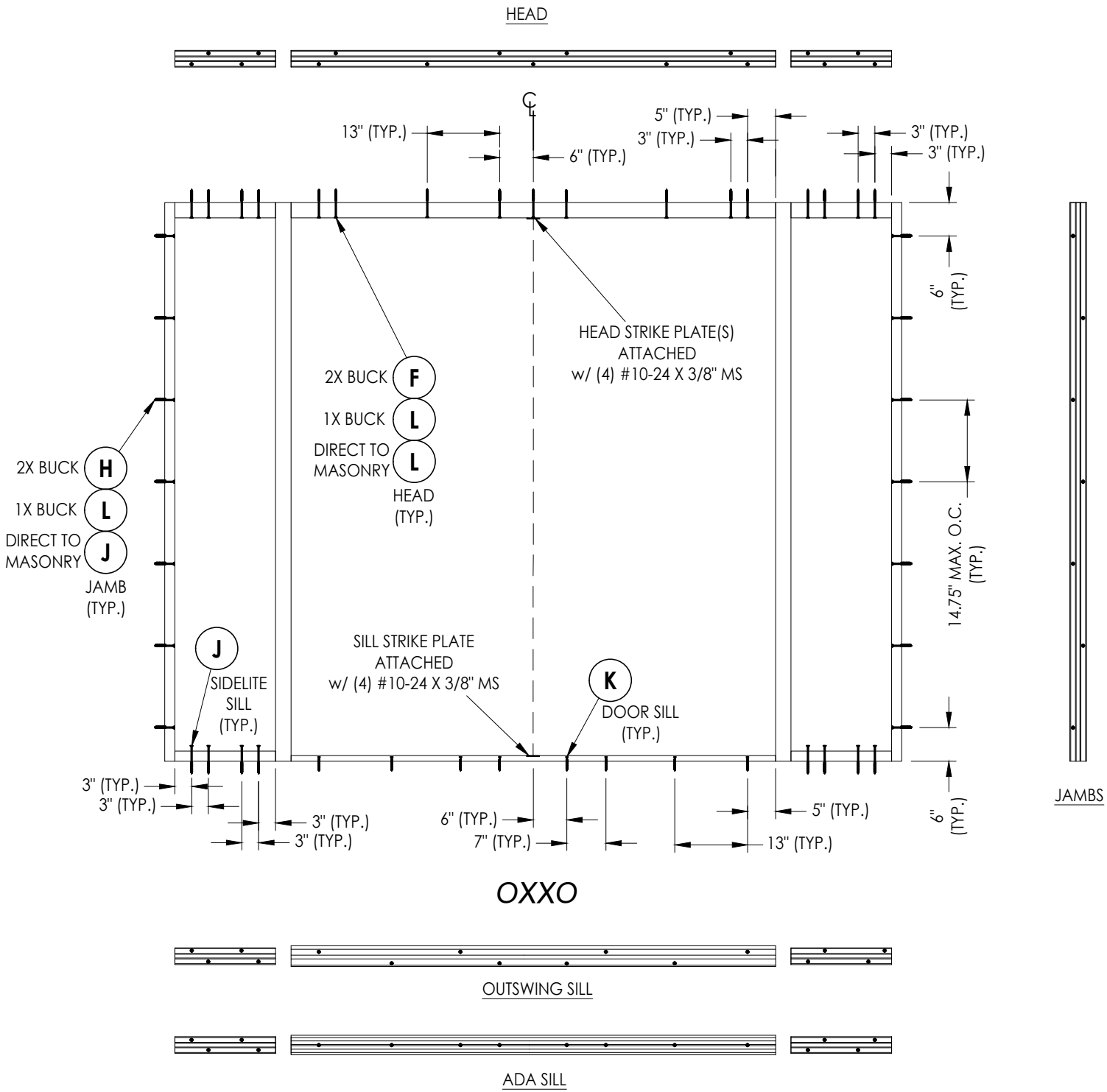
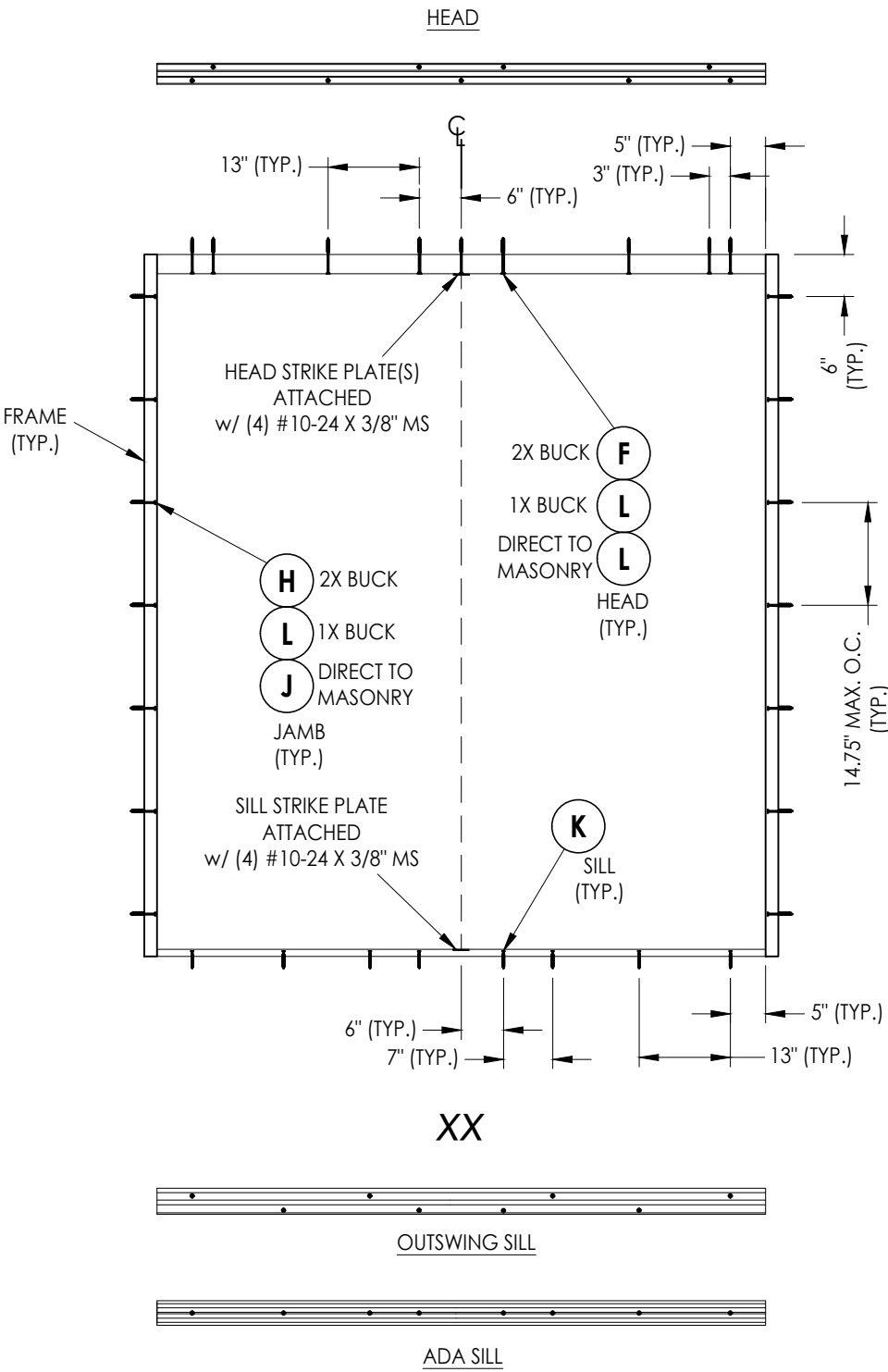
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FL-46172.2

SHEET 9 OF 11

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



FRAME ANCHORING

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P.E. No. 43409

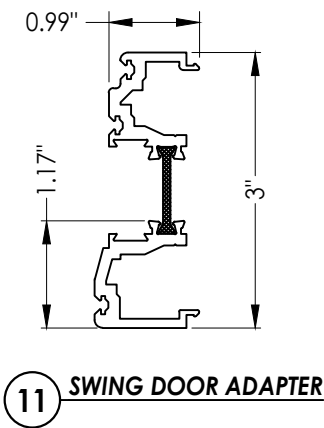
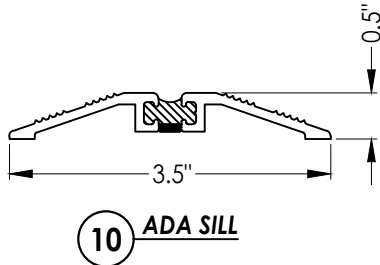
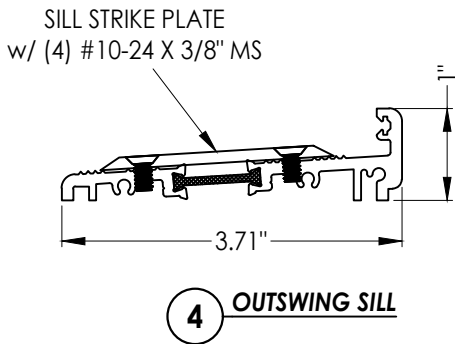
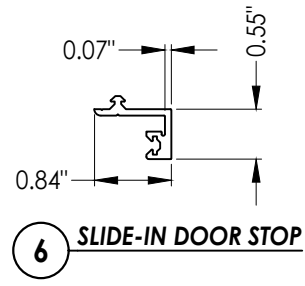
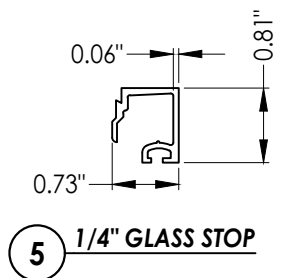
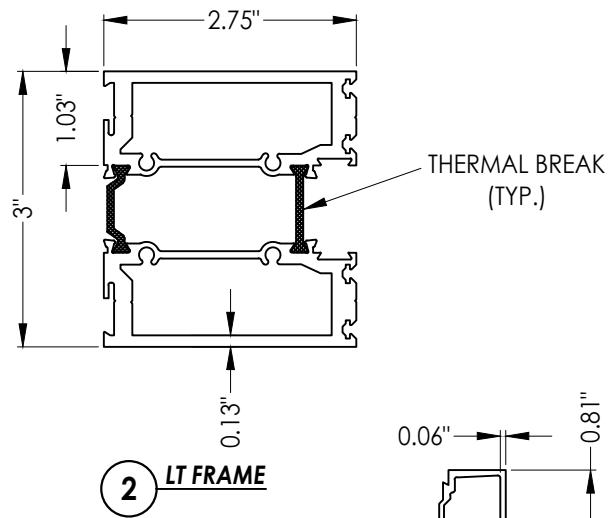
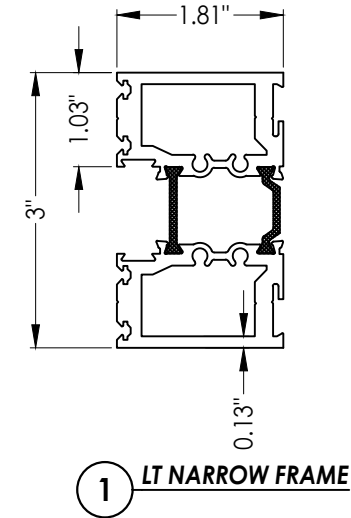
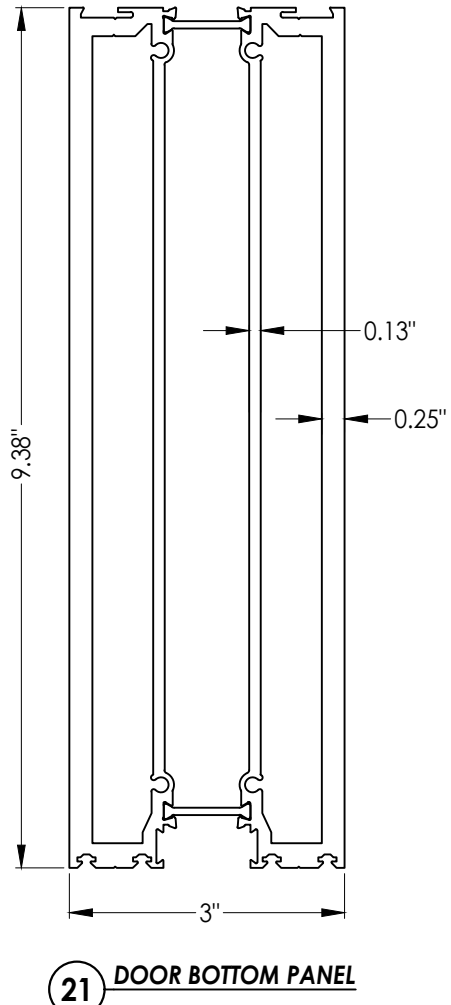
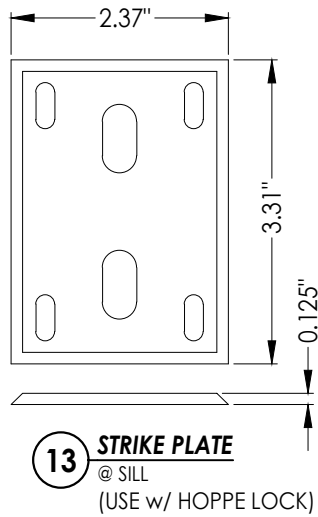
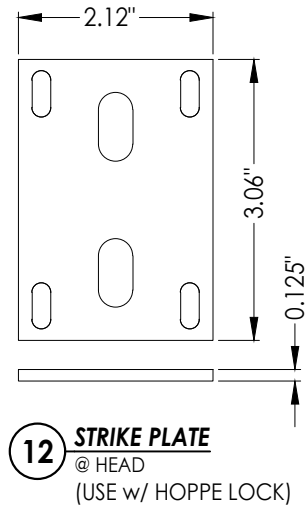
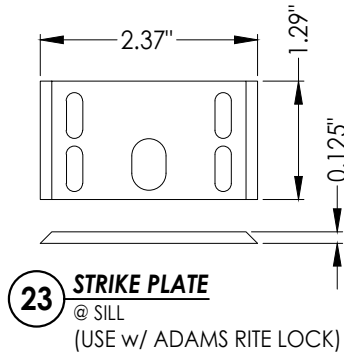
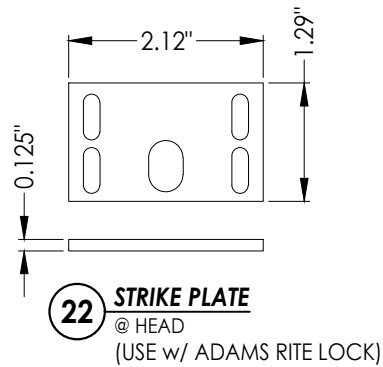
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PRODUCT:		THERMA TRU	
PART OR ASSEMBLY:		FRAME ANCHORING	
NO.	DATE	UPDATE TO	BY
1	7/03/26	UPDATE TO 9TH ED. (2026)	FBC
REVISIONS		LFS	BY
DATE: 2/07/24			
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SHEET 10 OF 11			

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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
F	#14 X 4-1/2" FH SMS (1-1/4" MIN. EMBEDMENT)	S.S.
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
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-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.



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R ^W BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 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-46172.2			
SHEET 11 OF 11			