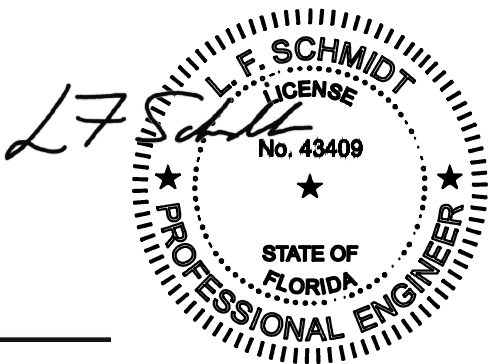


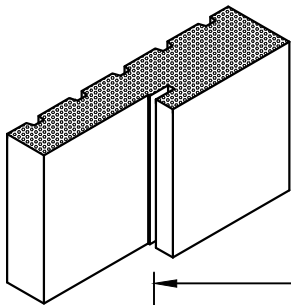
Z:\2023 FBC Drawings\Therma-Tru\FL-27627 R7\FL-27627.8.dwg



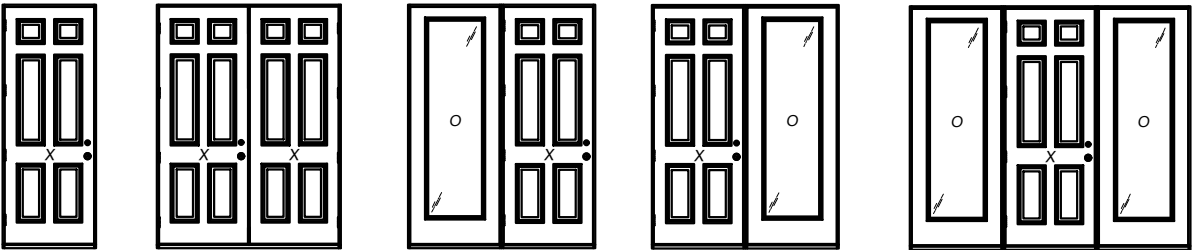
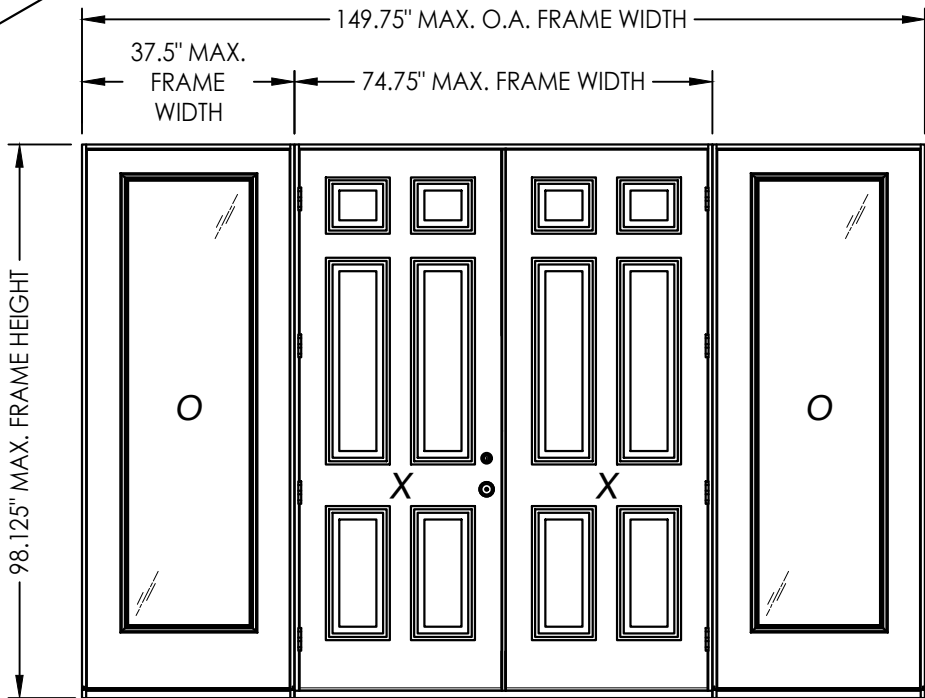
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

Digitally signed
by Lyndon F
Schmidt
Date:
2026.08.06
17:04:42 -04'00'

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



"COMPOSITE JAMB"
INSWING / OUTSWING
"NON-IMPACT"



Opaque door panels shown for illustrative purposes only
(glazed door panels also allowed)

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.75" x 98.125"	+60.0	-67.0	+60.0	-60.0
XX	74.75" x 98.125"	+50.0	-50.0	+65.0	-65.0
OX, XO, OXO	112.75" x 98.125"	+45.0	-50.0	+45.0	-45.0
OX XO	149.75" x 98.125"	+45.0	-50.0	+45.0	-45.0

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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2 as follows:
Wind Zones 1, 2 & 3: Glazing only; Wind Zone 4: Entire System.
4. This "NON-IMPACT" door jamb, as a component, is to be used as a substitute to a similar door jamb in a "Non-Impact" approved (complies with FBC Sections 1609.1.2 & R301.2.1.2) door system possessing a current Florida Statewide Product Approval. In addition, the door jamb may also be used as a substitute for an approved Therma-Tru outswing sidelite sill.
5. The design pressure of the assembly shall be the lesser of the design pressure for the door jamb shown in this approval or the design pressure of the "Non-Impact" door assembly used in conjunction with this approval.
6. The maximum frame size of the door assembly shall be lesser of the maximum frame size stated in this approval or the maximum frame size of the "Non-Impact" door assembly approval used in conjunction with this approval.
7. This product is approved for use with "Non-Impact" opaque or glazed fiberglass or steel side hinged swing doors and sidelites only.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Elevations
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring
6	Buck and frame anchoring
7	Bill of materials and components

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

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

PRODUCT: THERMA-TRU COMPONENTS
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS	
		BY	
3	7/02/26	LFS	UPDATE TO 9TH ED. (2026) FBC
2	11/18/24	LFS	ADD O.S. COMP. SIDELITE SILL
1	7/24/23	LFS	UPDATE TO 8TH ED. (2023) FBC

DATE: 12/2/20

SCALE: N.T.S.

DWG. BY: RW

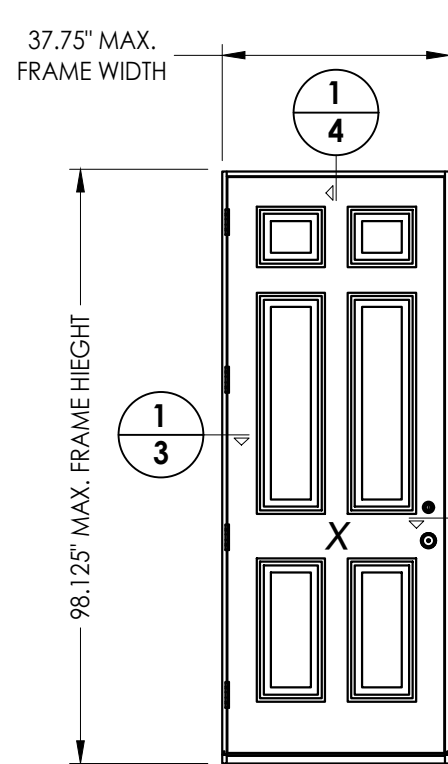
CHK. BY: LFS

DRAWING NO.:

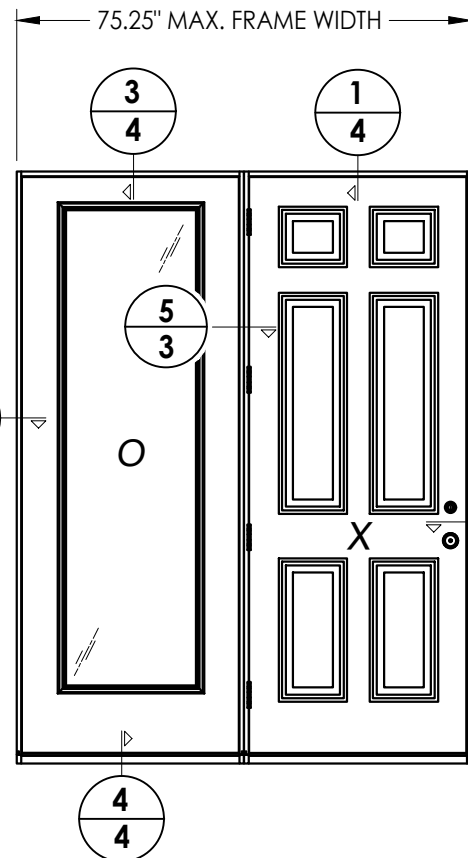
FL-27627.8

SHEET 1 OF 7

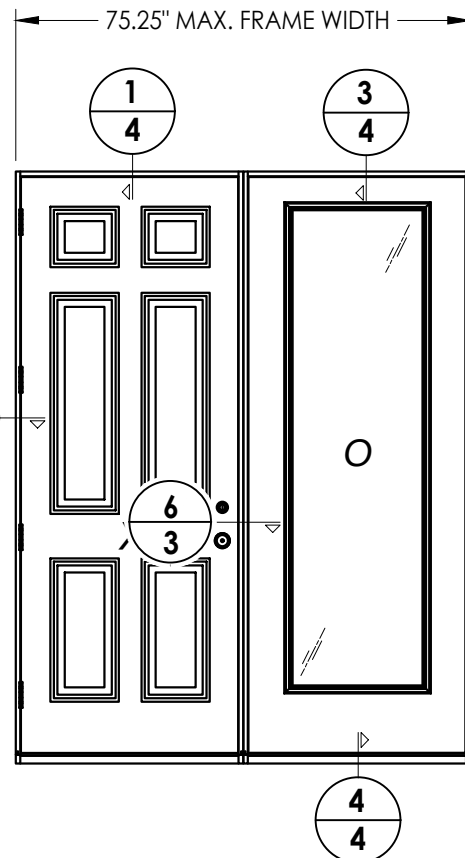
Z:\2023 FBC Drawings\Therma-Tru\FL-27627 R7\FL-27627.8.dwg



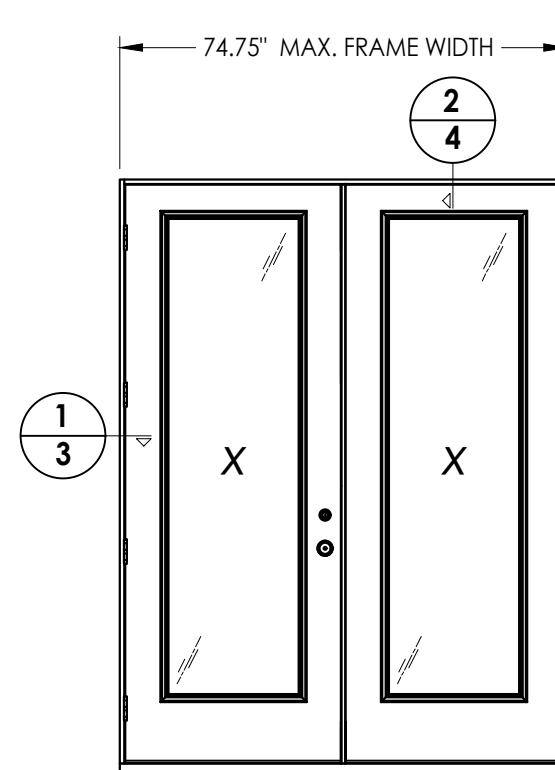
SINGLE DOOR
(Shown with opaque door)



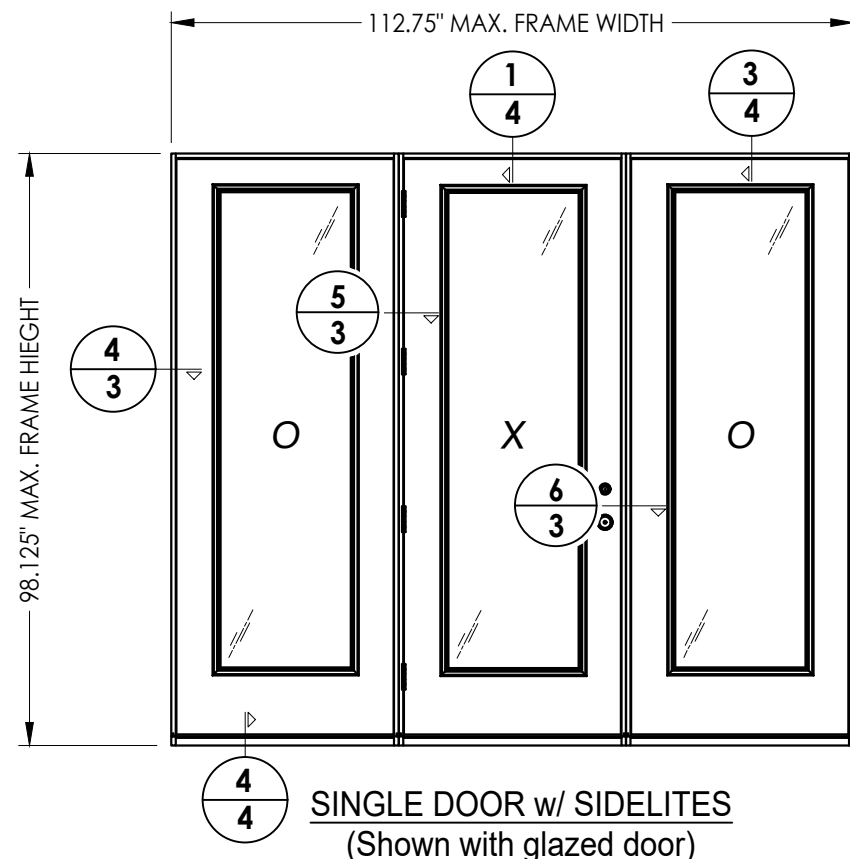
SINGLE DOOR (CENTER-HINGED) w/ SIDELITE
(Shown with opaque door)



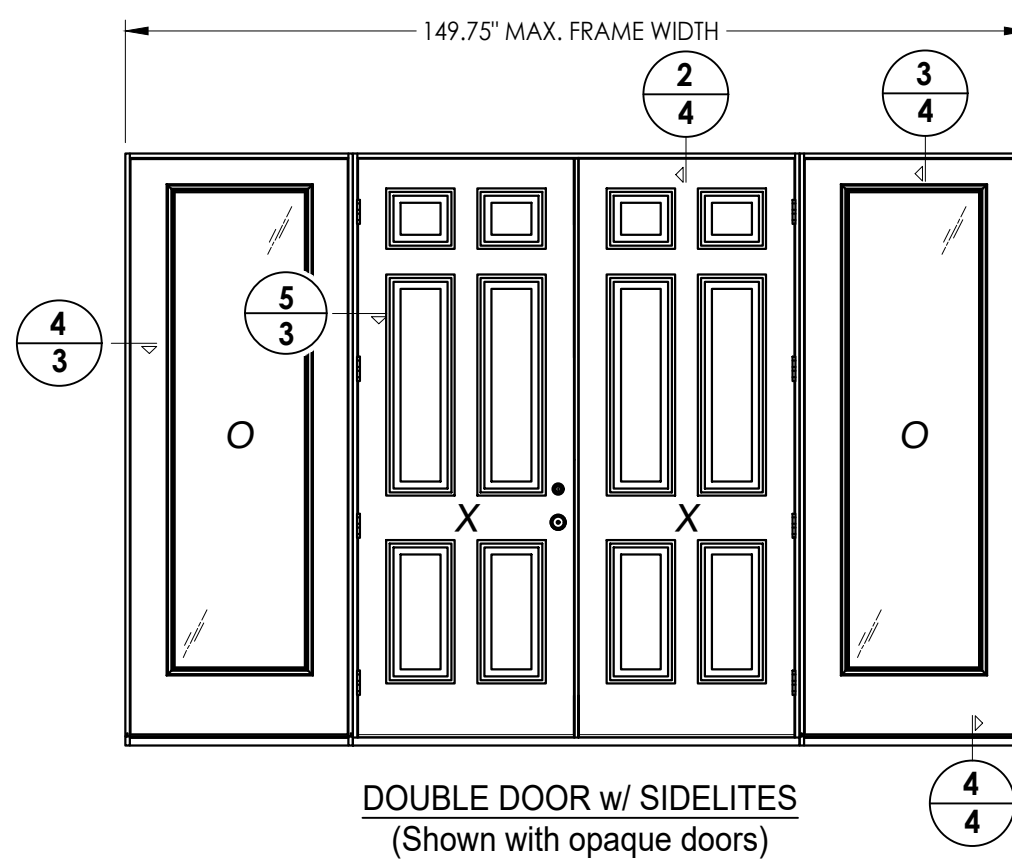
SINGLE DOOR w/ SIDELITE
(Shown with opaque door)



DOUBLE DOOR
(Shown with glazed doors)



SINGLE DOOR w/ SIDELITES
(Shown with glazed door)



DOUBLE DOOR w/ SIDELITES
(Shown with opaque doors)

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

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

PRODUCT: THERMA-TRU
COMPONENTS

PART OR ASSEMBLY:
ELEVATIONS

NO.	DATE	REVISIONS
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC
2	11/18/24	ADD O.S. COMP. SIDELITE SILL
1	7/24/23	UPDATE TO 8TH ED. (2023) FBC
		BY

DATE: 12/2/20

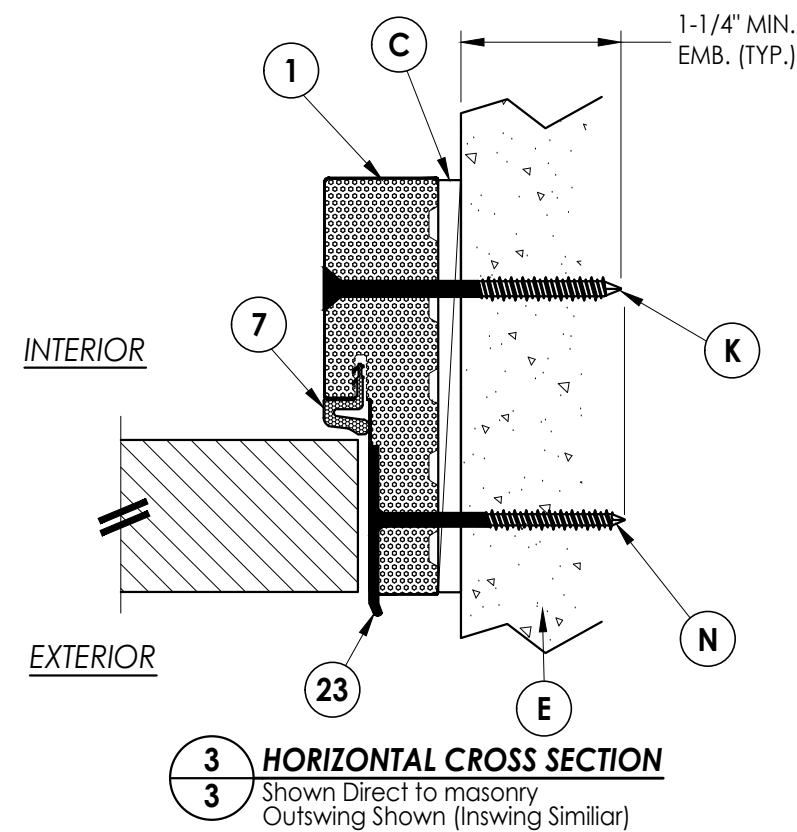
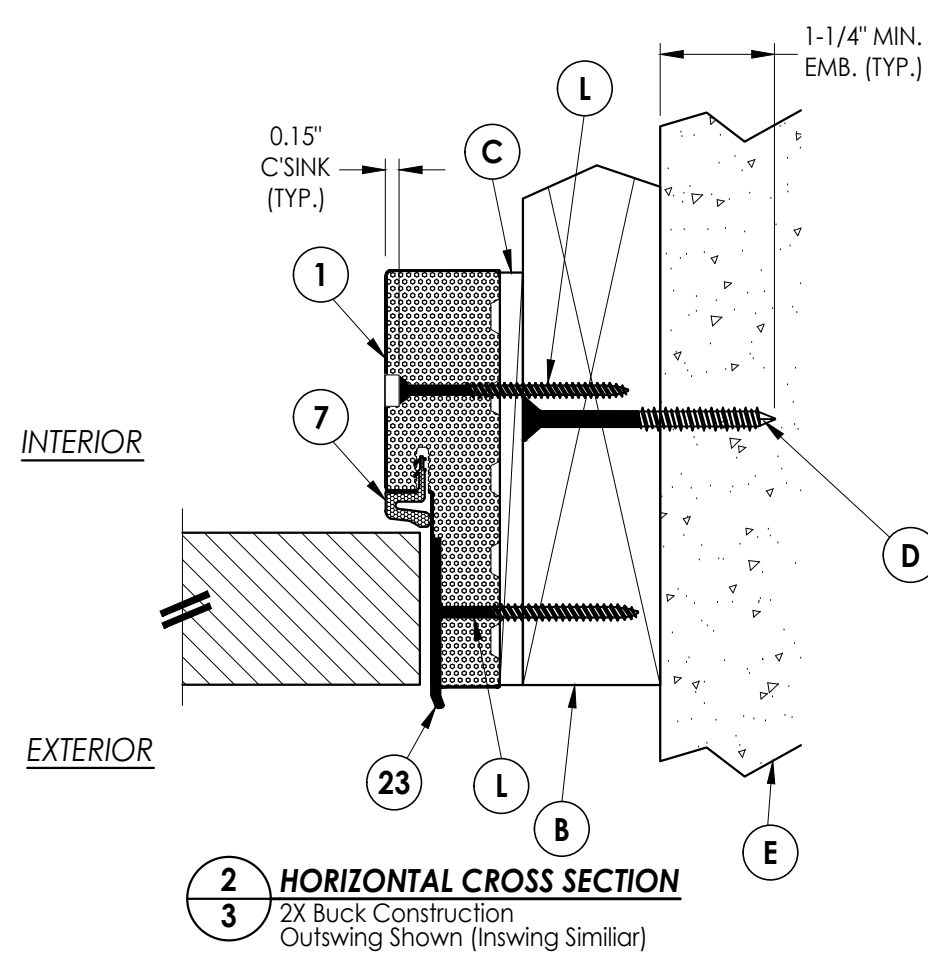
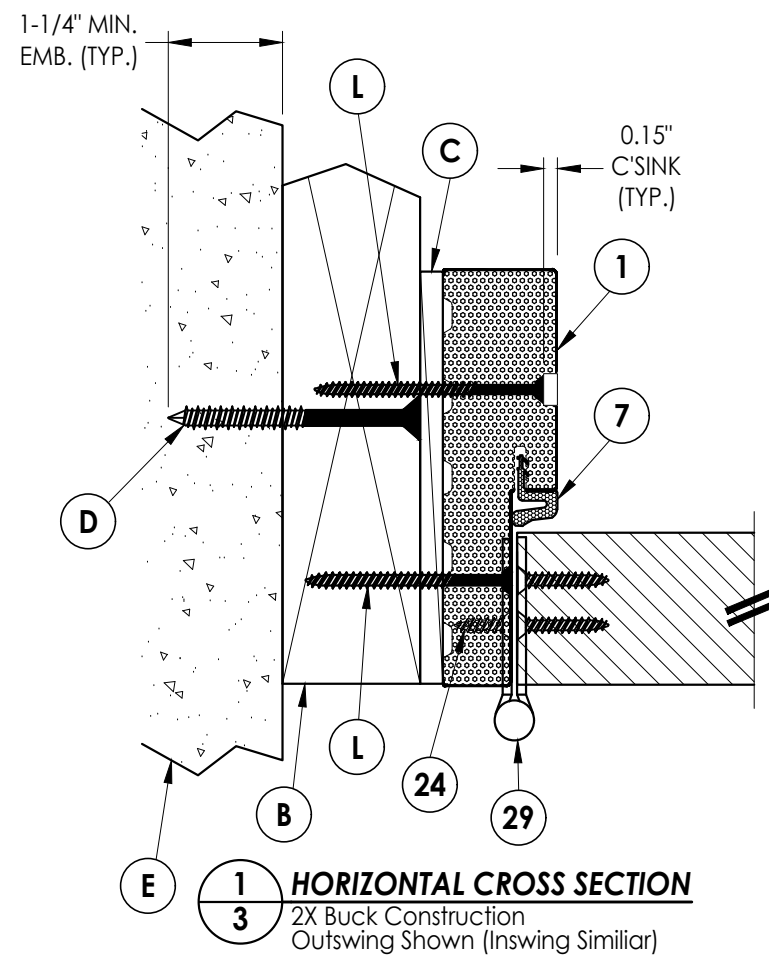
SCALE: N.T.S.

DWG. BY: RW

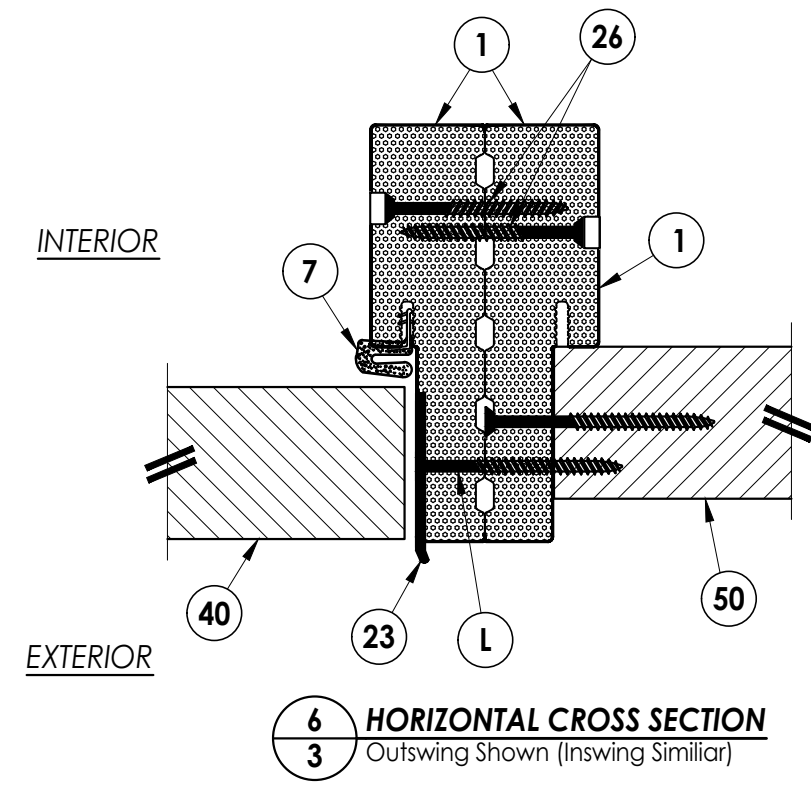
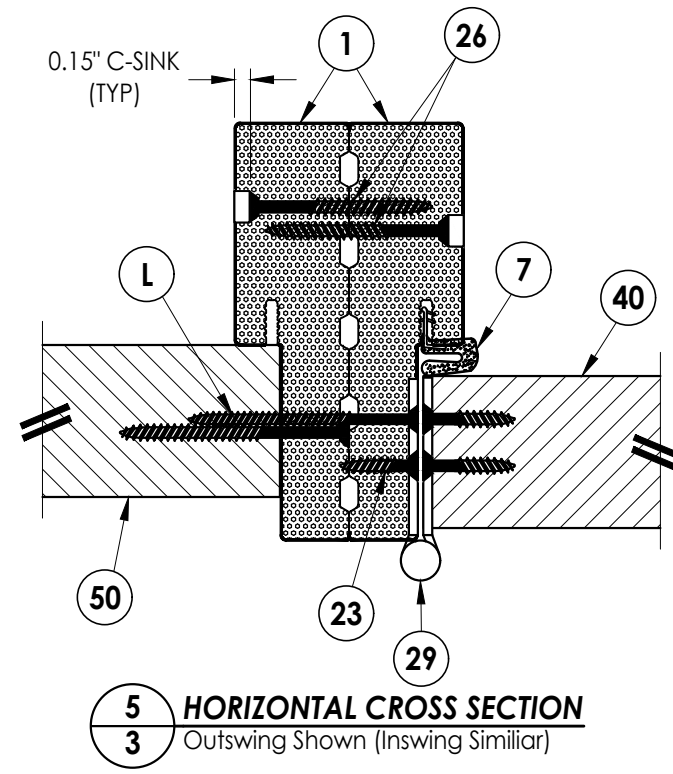
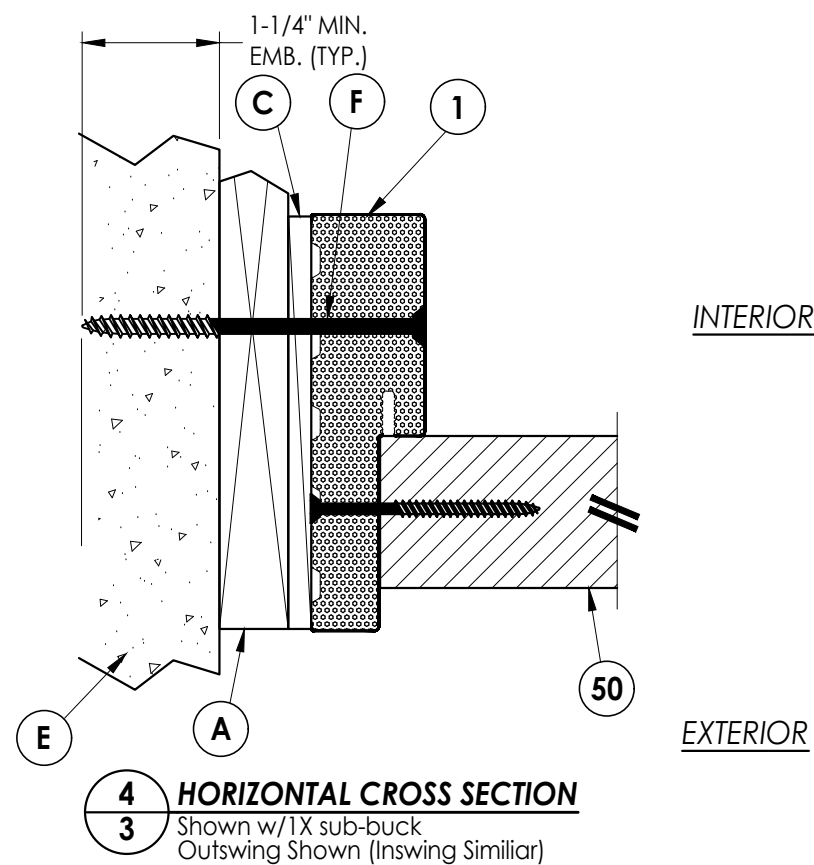
CHK. BY: LFS

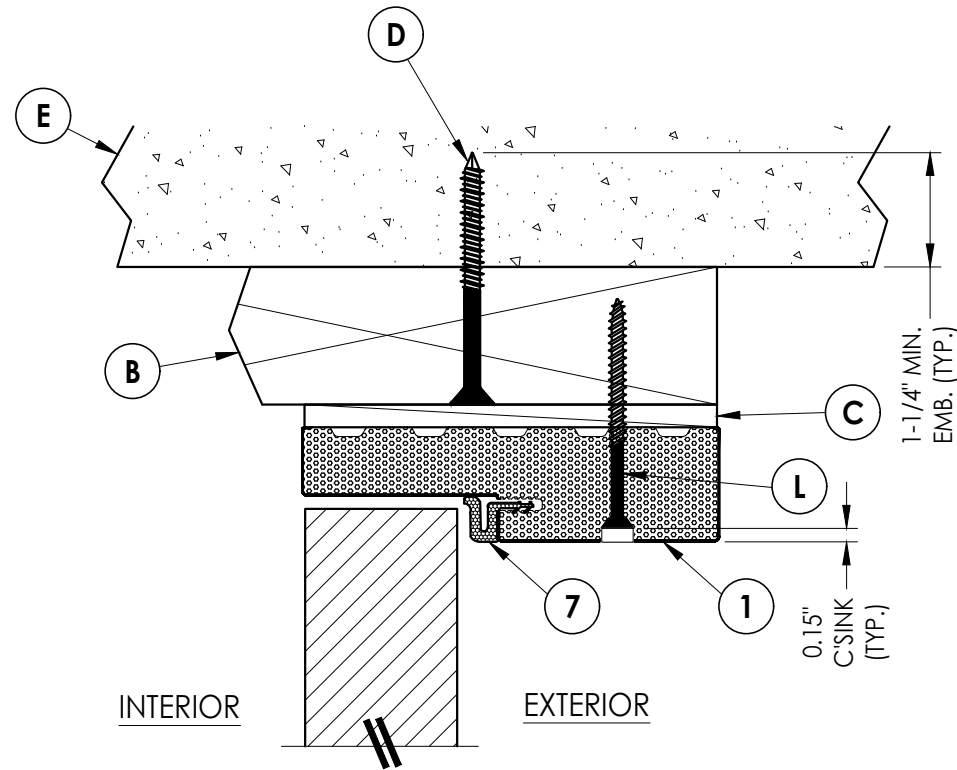
DRAWING NO.: FL-27627.8

SHEET 2 OF 7

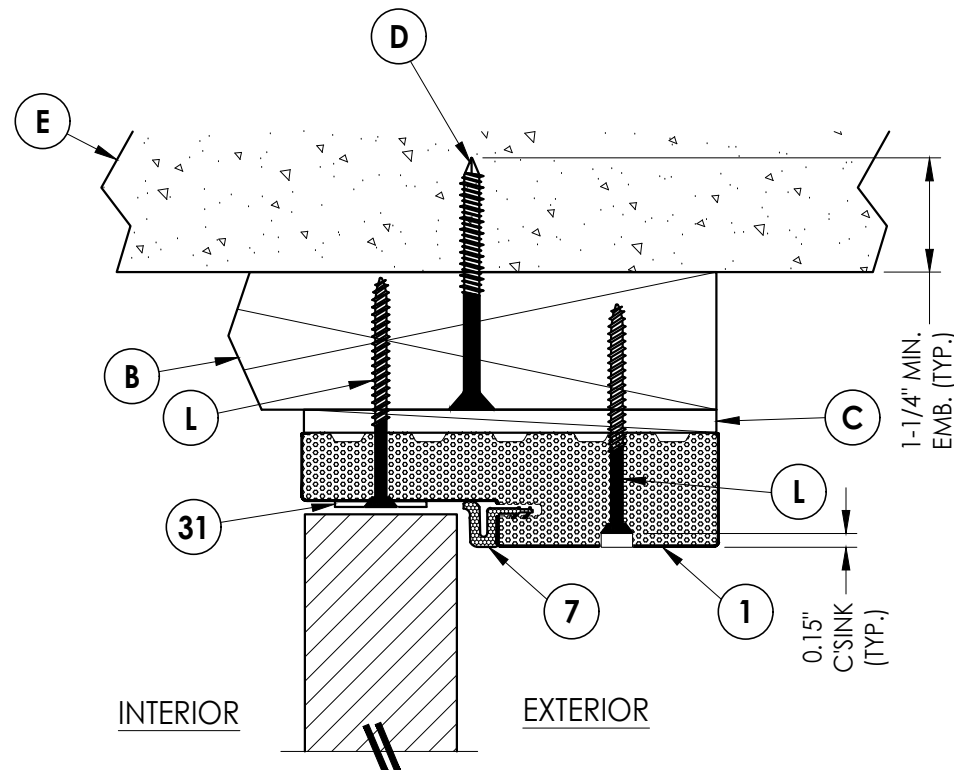


NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT
APPROVAL FOR DOOR CONSTRUCTION DETAILS NOT
SHOWN, INCLUDING LOCK HARDWARE, ASTRAGAL,
HINGE AND THRESHOLD CONNECTIONS.

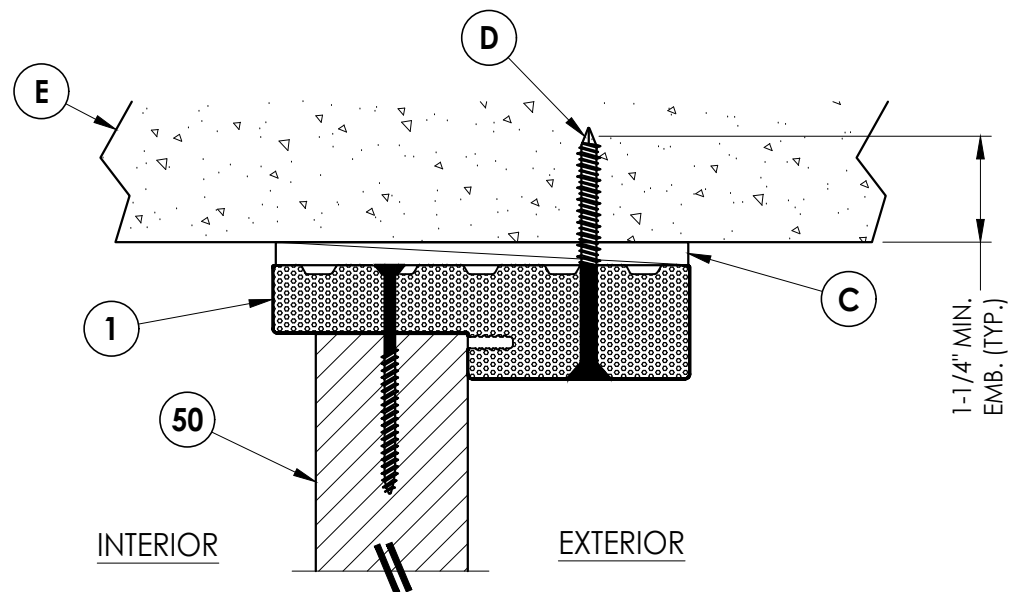
[illegible]



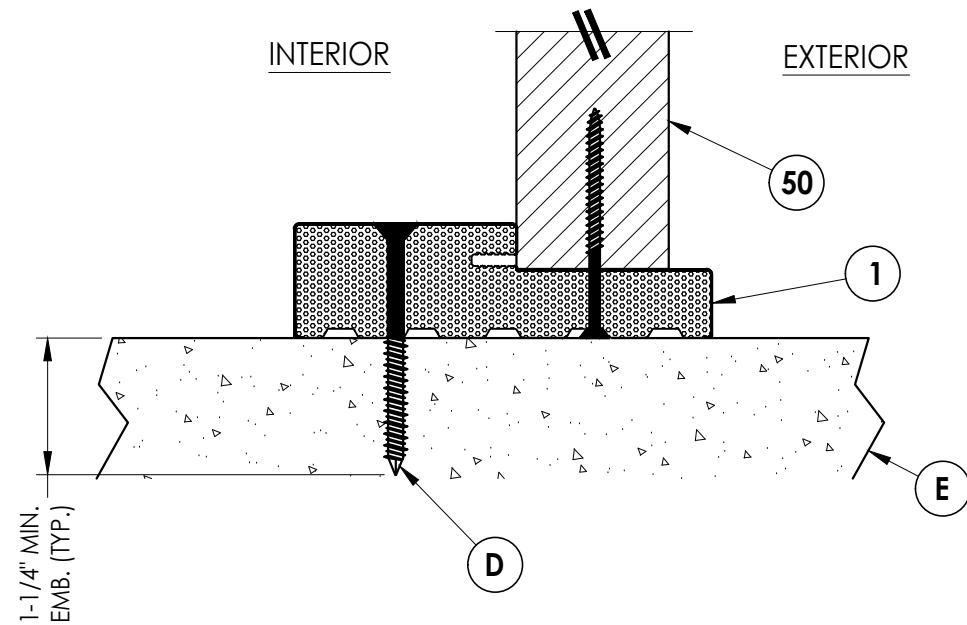
1
4 **VERTICAL CROSS SECTION**
2X Buck Construction - Single door
Inswing Shown (Outswing Similar)



2
4 **VERTICAL CROSS SECTION**
2X Buck Construction - Double door
Inswing Shown (Outswing Similar)



3
4 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Inswing Shown (Outswing Similar)



4
4 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing Sill Only

NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT
APPROVAL FOR DOOR CONSTRUCTION DETAILS NOT
SHOWN, INCLUDING LOCK HARDWARE, ASTRAGAL,
HINGE AND THRESHOLD CONNECTIONS.

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

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

PRODUCT:
THERMA-TRU
COMPONENTS

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS			
		BY	DATE	DESCRIPTION	DATE
3	7/02/26	LFS		UPDATE TO 9TH ED. (2026) FBC	
2	11/18/24	LFS		ADD O.S. COMP. SIDELITE SILL	
1	7/24/23	LFS		UPDATE TO 8TH ED. (2023) FBC	

DATE: 12/2/20

SCALE: N.T.S.

DWG. BY: RW

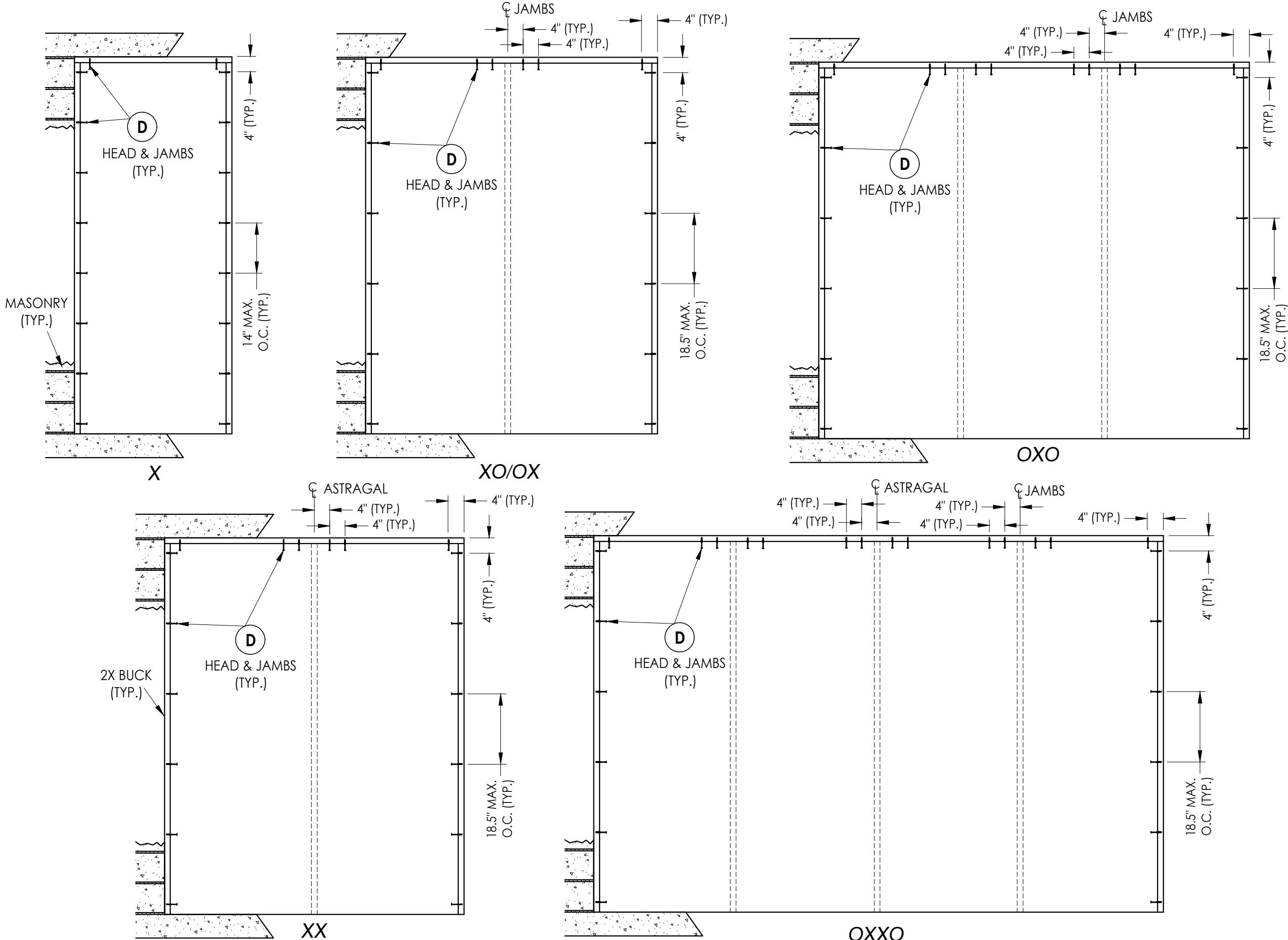
CHK. BY: LFS

DRAWING NO.:

FL-27627.8

SHEET 4 OF 7

Z:\2023 FBC Drawings\Therma-Tru\FL-27627 R7\FL-27627.8.dwg



REVISIONS	
NO.	DATE
3	7/02/26
2	11/18/24
1	7/24/23

DATE: 12/2/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-27627.8	
SHEET	5 OF 7

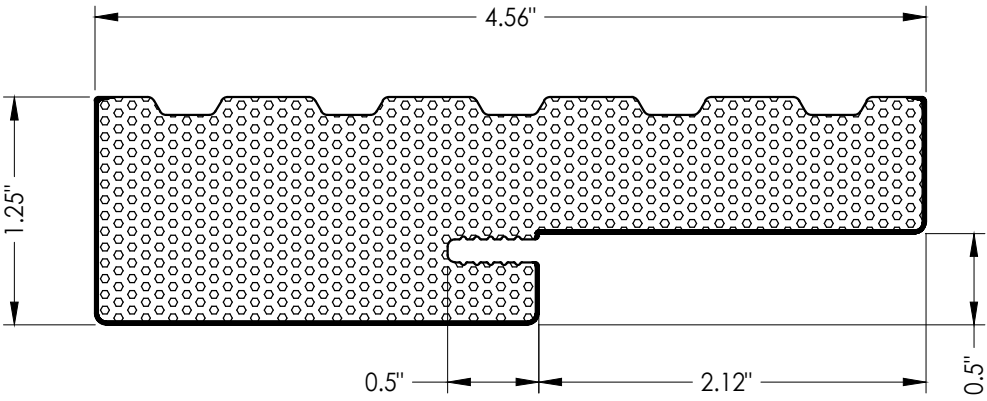
PRODUCT:	THERMA-TRU COMPONENTS
	PART OR ASSEMBLY: BUCK ANCHORING

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

RW

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

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" 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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
K	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" PFH TW CONCRETE SCREW	STEEL
1	HEAD, SIDE JAMB, & OUTSWING SIDELITE SILL	COMPOSITE
7	WEATHERSTRIP	FOAM
22	DEADBOLT STRIKE PLATE	STEEL
23	LATCH STRIKE PLATE	STEEL
24	#10 X 3/4" PFH SMS	STEEL
26	#10 X 2" PFH WS	STEEL
29	4" X 4" HINGE	STEEL
31	ASTRAGAL SHOOTBOLT STRIKE PLATE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-



1 HEAD, SIDE JAMB, & OUTSWING SIDELITE SILL

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.

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®	3/16"	1-1/4"	3"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	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.

[illegible]

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

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

© 2020 R.W. BUILDING CONSULTANTS INC.