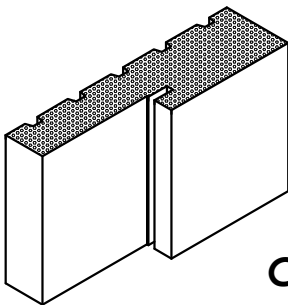
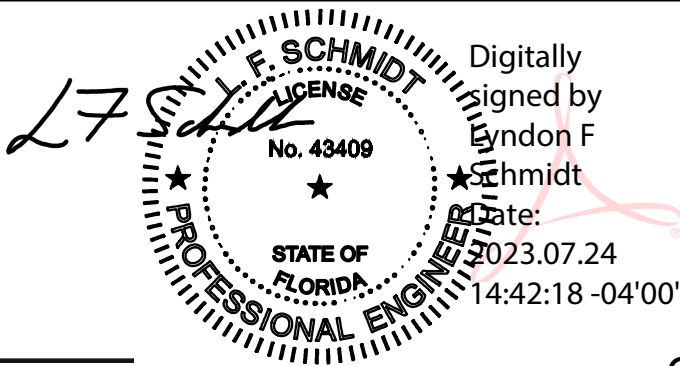


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COMPOSITE JAMB

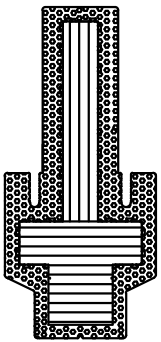
"COMPOSITE JAMB w/
INTEGRAL MULLIONS"
CONTINUOUS HEAD & SILL FRAME SYSTEM
OUTSWING
"IMPACT"

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.

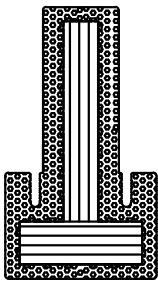
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

GENERAL NOTES

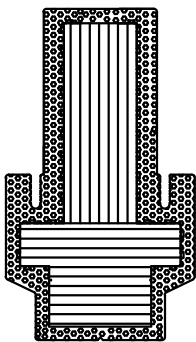
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 excludes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. This "IMPACT" door jamb, as a component, is to be used as a substitute to a similar door jamb in an "Impact" approved (complies with FBC Sections 1609.1.2 & R301.2.1.2) door system possessing a current Florida Statewide Product Approval.
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 "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 "Impact" door assembly approval used in conjunction with this approval.
7. This product is approved for use with "Impact" opaque or glazed fiberglass or steel side hinged swing doors and sidelites only.



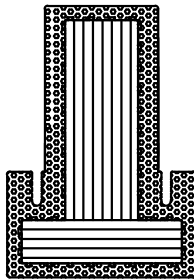
TYPE A (1")



TYPE B (1")

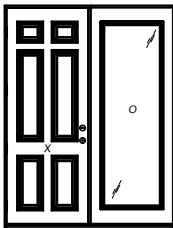
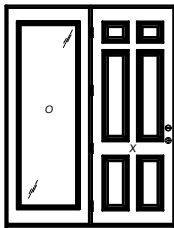
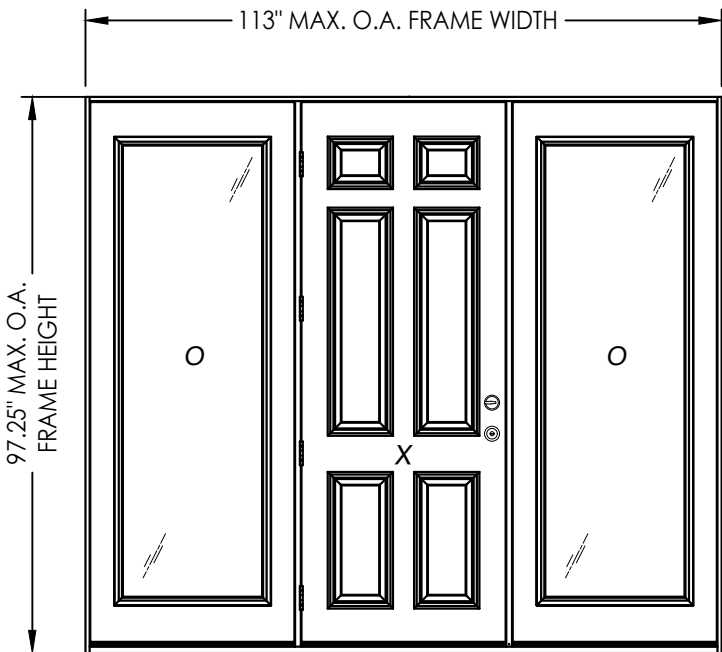


TYPE A (1.5")



TYPE B (1.5")

INTEGRAL MULLIONS



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

CONFIGURATION	MAX. FRAME DIMENSION	Lock	Mullion Type	DESIGN PRESSURE (PSF) INSWING	
				POSITIVE	NEGATIVE
OX, XO, OXO	112" X 97.25"	Lock & Deadbolt	A (1") A (1.5")	+50.0	-50.0
OX, XO, OXO	112" X 97.25" 113" X 97.25"	Multipoint	B (1") B (1.5")	+50.0	-50.0

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Elevations
3	Horizontal cross sections
4	Vertical cross sections
5	Vertical cross sections
6	Buck anchoring
7	Frame anchoring
8	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 License No. 9813

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

NO.	DATE	REVISIONS
2	7/24/23	UPDATE TO 8TH ED. (2023) FBC
1	7/15/20	UPDATE TO 7th ED (2020) FBC

DATE: 10/3/19

SCALE: N.T.S.

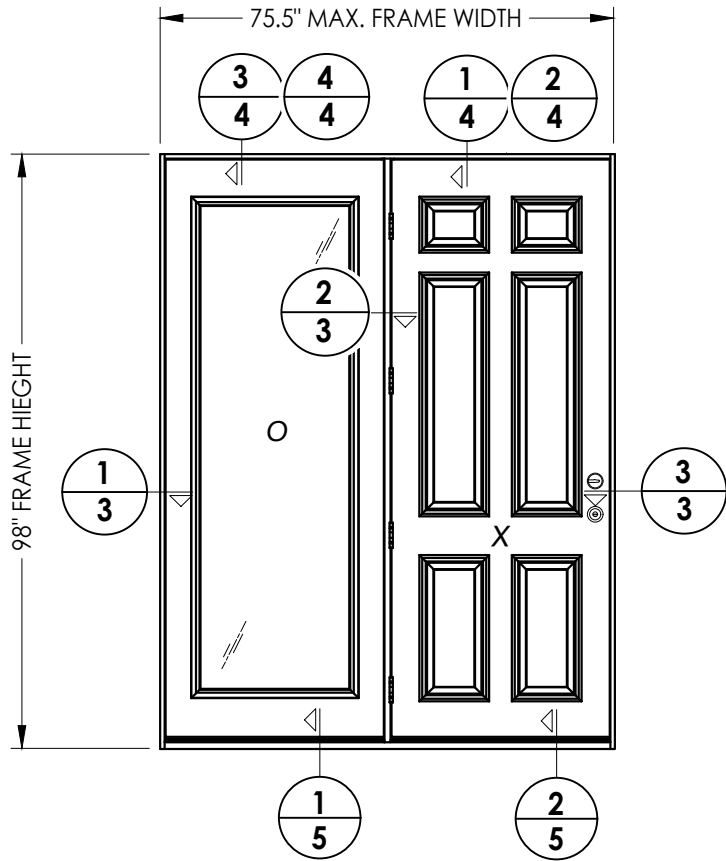
DWG. BY: RW

CHK. BY: LFS

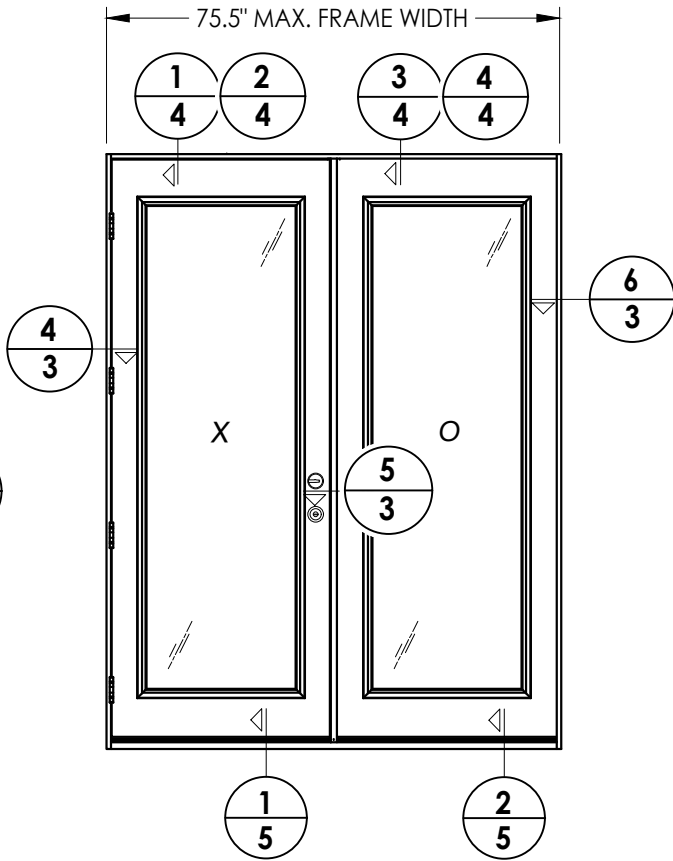
DRAWING NO.: FL-27627.7

SHEET 1 OF 8

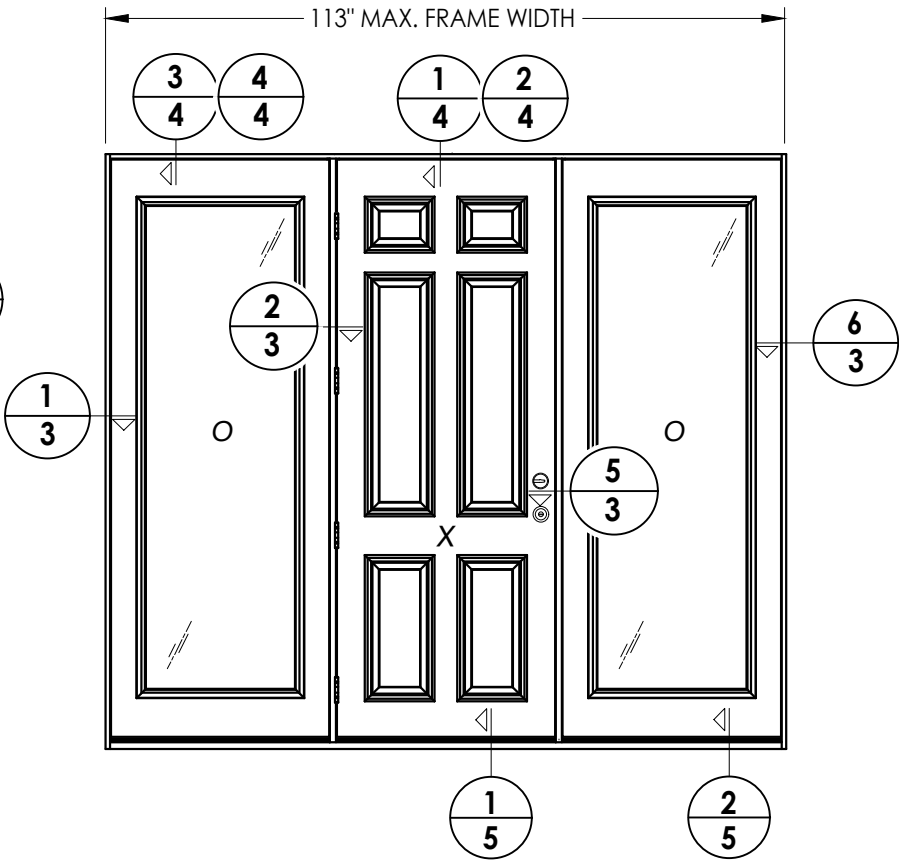
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SINGLE DOOR (CENTER HINGED) w/ SIDELITE
(Shown with opaque door)
(Viewed From Exterior)



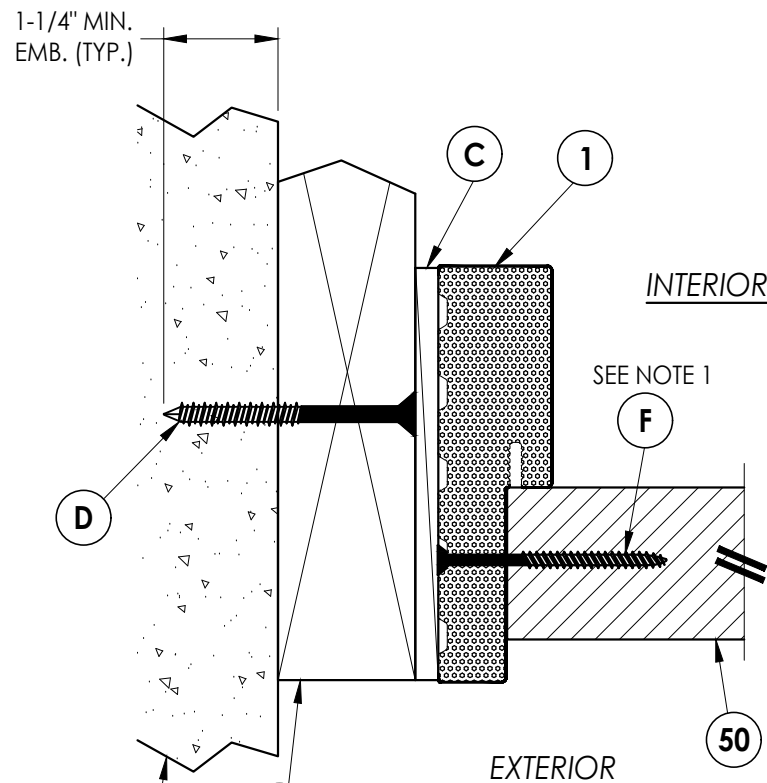
SINGLE DOOR w/ SIDELITE
(Shown with glazed door)
(Viewed From Exterior)



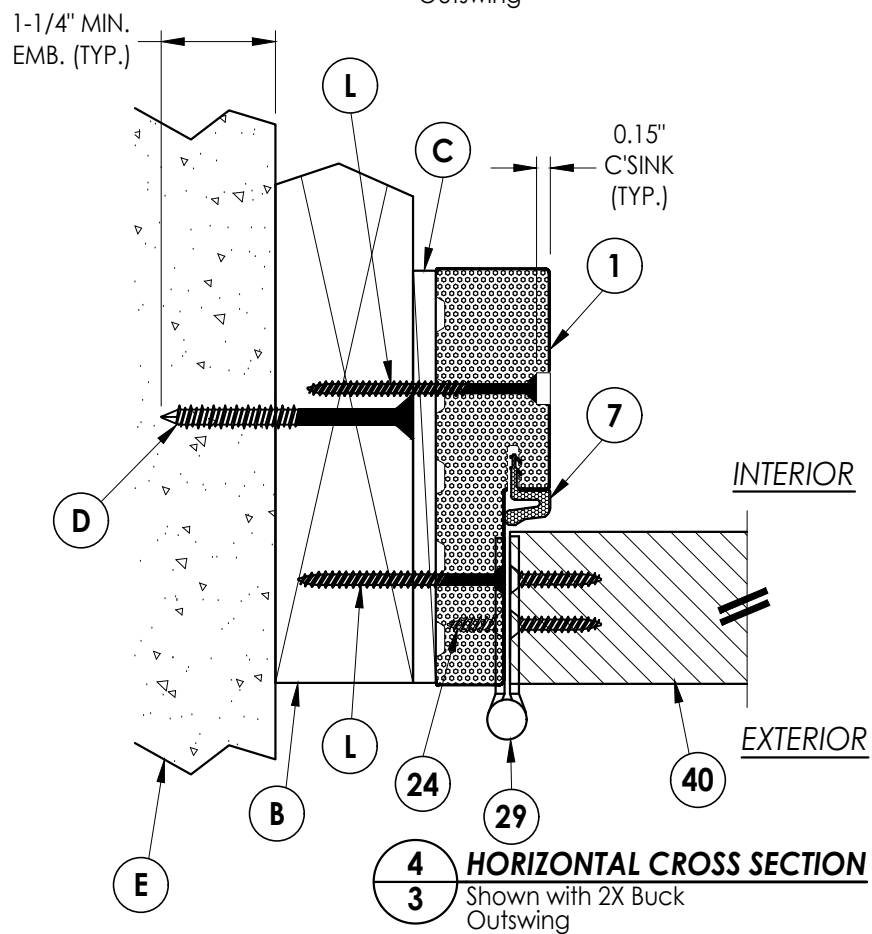
SINGLE DOOR w/ SIDELITES
(Shown with opaque door)
(Viewed From Exterior)

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 License No. 9813	
THERMA-TRU COMPONENTS		PART OR ASSEMBLY: ELEVATIONS	
DATE: 10/3/19		SCALE: N.T.S.	
DWG. BY: RW		CHK. BY: LFS	
DRAWING NO.: FL-27627.7		SHEET 2 OF 8	
REVISIONS		NO. DATE	
2 7/24/23 UPDATE TO 8TH ED. (2023) FBC		LFS	
1 7/15/20 UPDATE TO 7th ED (2020) FBC		LFS	
		BY	

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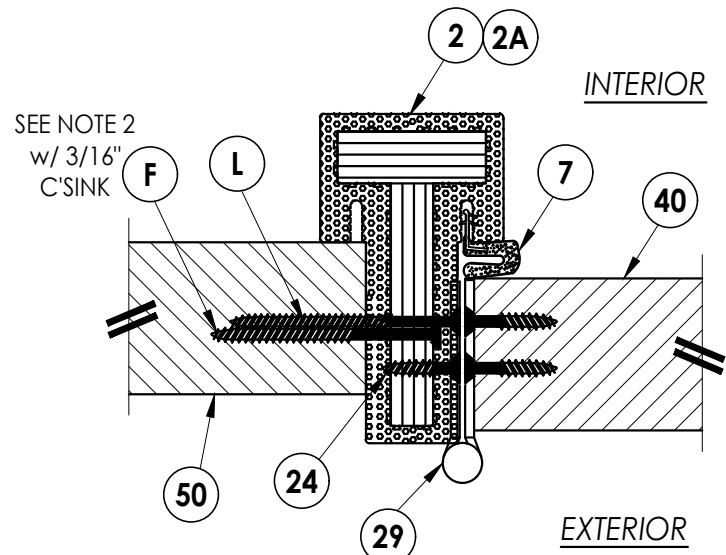


1
3 **HORIZONTAL CROSS SECTION**
Shown with 2X Buck Outswing

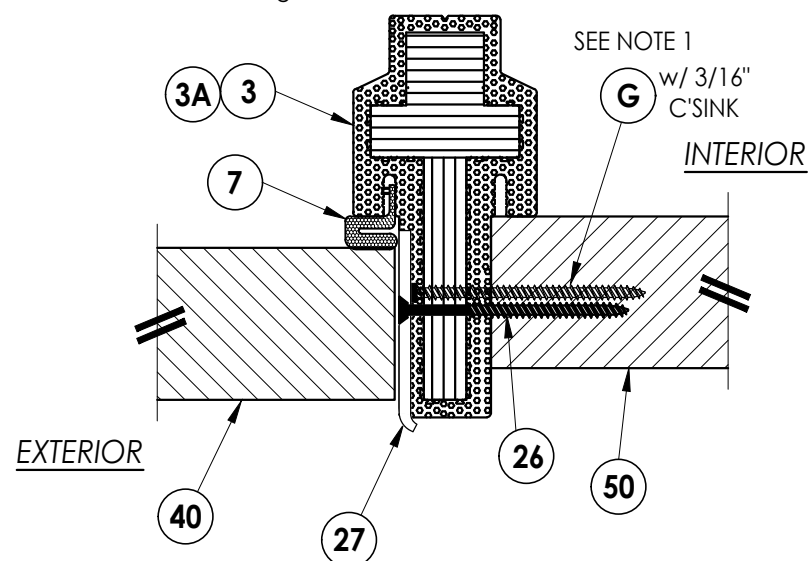


4
3 **HORIZONTAL CROSS SECTION**
Shown with 2X Buck Outswing

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



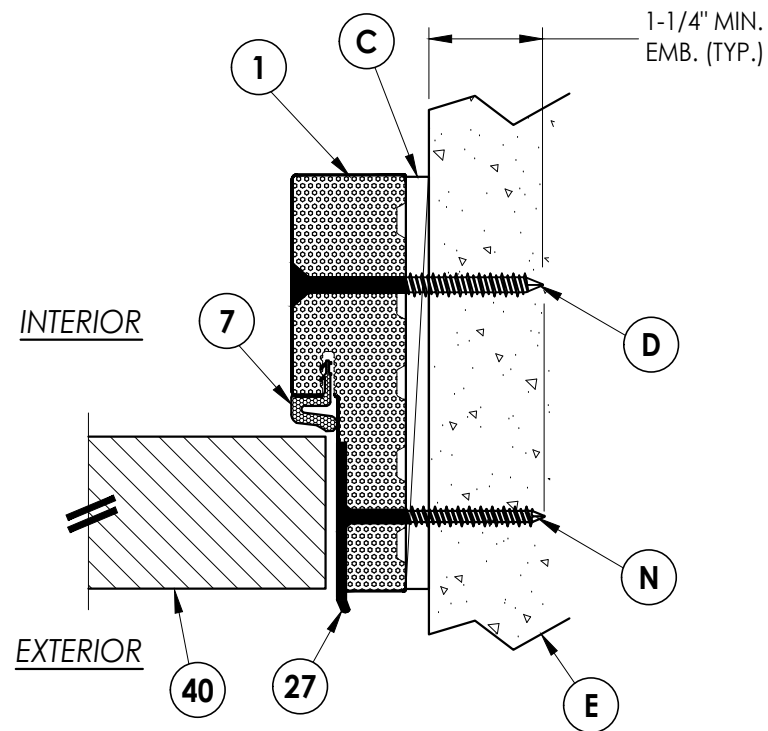
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3 **HORIZONTAL CROSS SECTION**
Type B (1 or 1.5") Integral Mullion Outswing



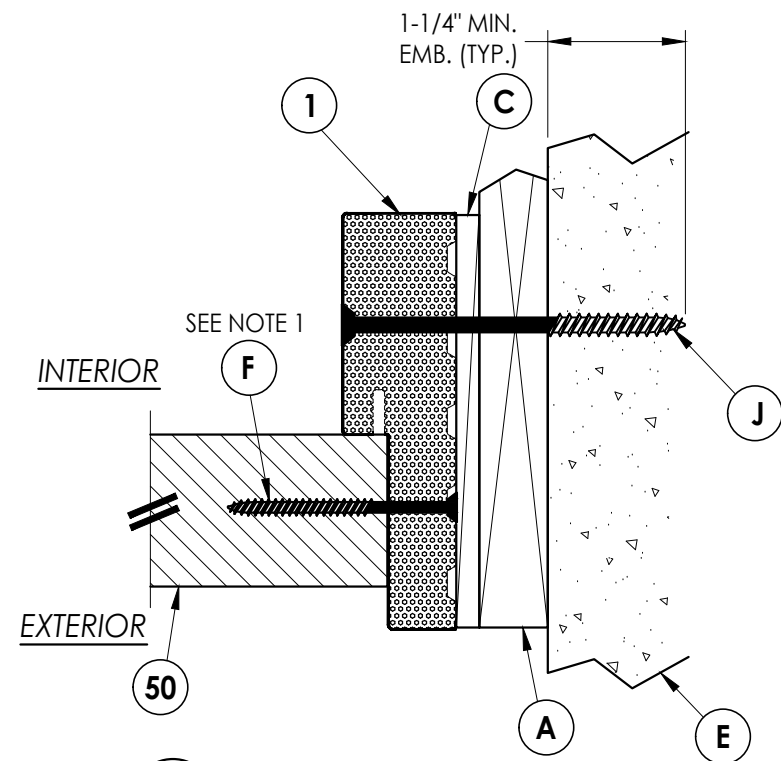
5
3 **HORIZONTAL CROSS SECTION**
Type A (1 or 1.5") Integral Mullion Outswing

NOTES:

1. SPACING FOR ITEM F: 6" FROM EACH END PLUS 6 MORE SCREWS EQUALLY SPACED (8 SCREWS TOTAL PER SIDE JAMB).
2. SPACING FOR ITEM F: LOCATED @ 6", 18", 30", 54" & 78" FROM BOTTOM OF JAMB (5 SCREWS TOTAL PER HINGE JAMB).
3. SPACING FOR ITEM F: LOCATED @ 6", 18", 30", 54", 78" & 90" FROM BOTTOM OF JAMB (6 SCREWS TOTAL PER LATCH JAMB).



3
3 **HORIZONTAL CROSS SECTION**
Shown Direct to masonry Outswing



6
3 **HORIZONTAL CROSS SECTION**
Shown with 1X Buck Outswing

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 License No. 9813

PRODUCT:
THERMA-TRU
COMPONENTS

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

REVISIONS		NO.	DATE	BY
2	7/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	7/15/20	UPDATE TO 7th ED (2020)	FBC	LFS

DATE: 10/3/19

SCALE: N.T.S.

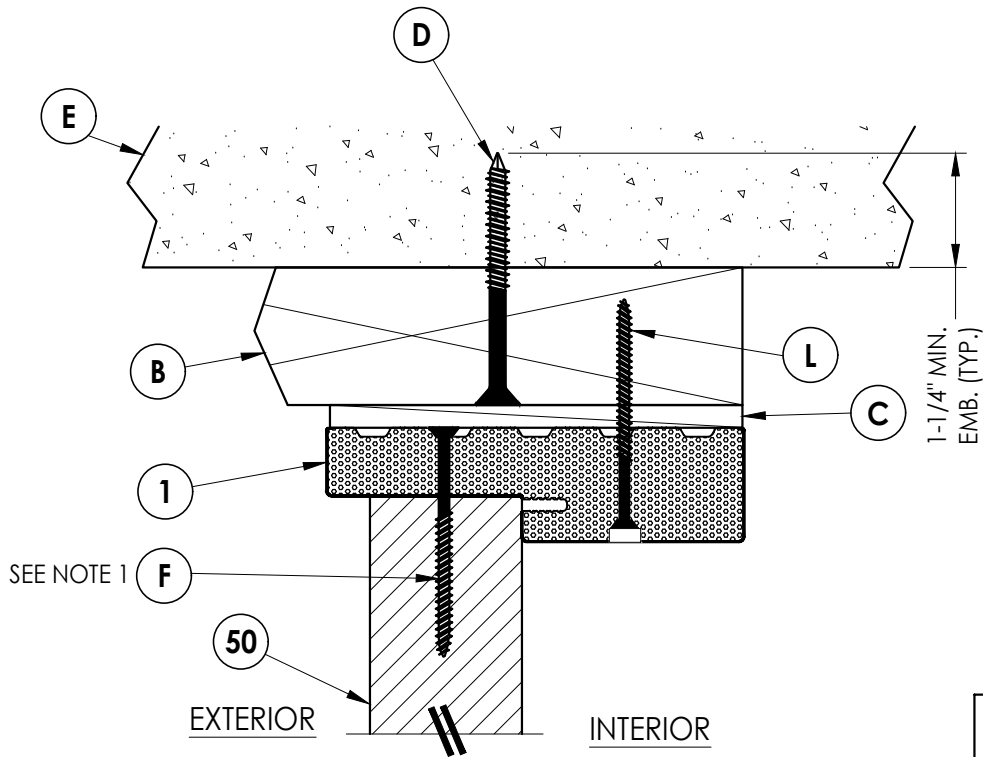
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CHK. BY: LFS

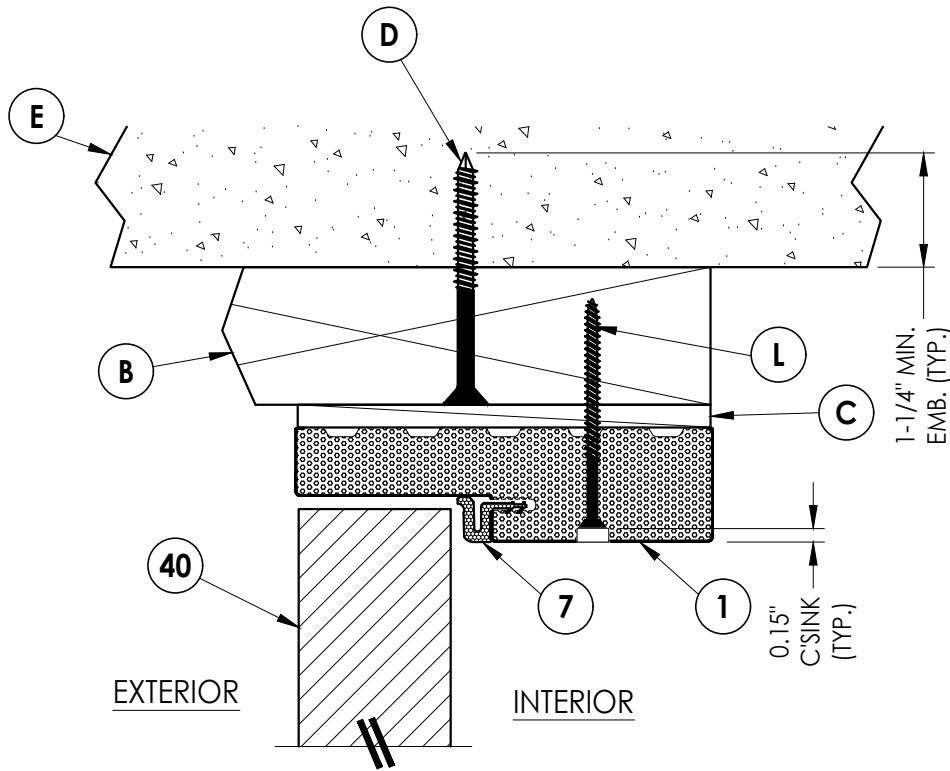
DRAWING NO.: FL-27627.7

SHEET 3 OF 8

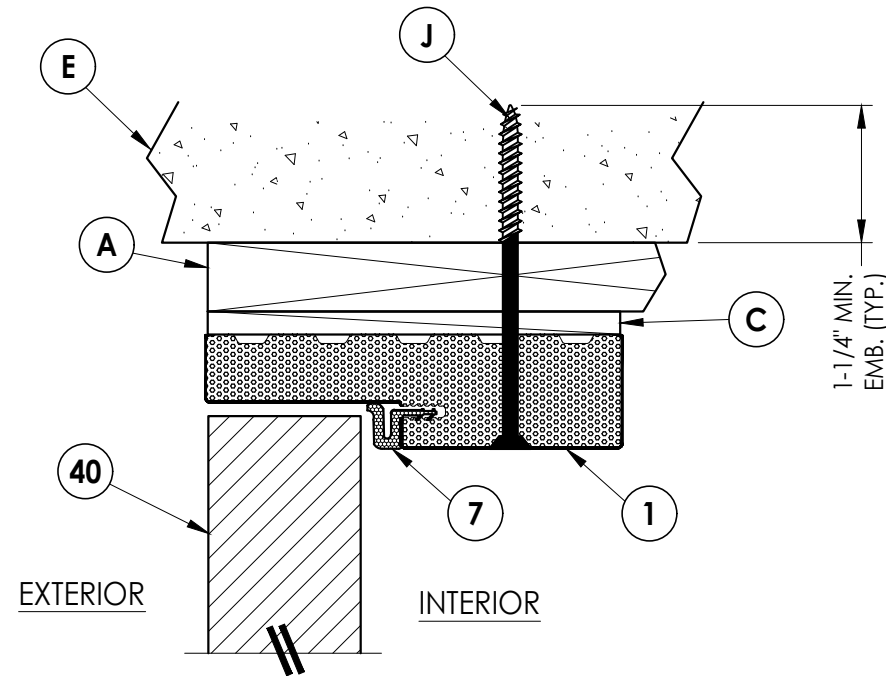
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3
4 **VERTICAL CROSS SECTION**
Shown with 2X Buck
Outswing

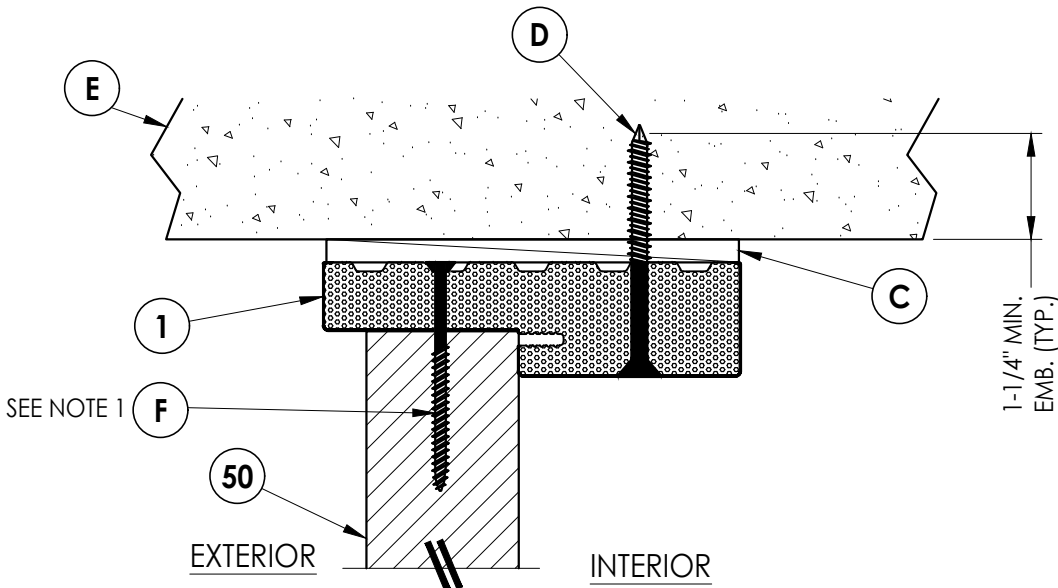


1
4 **VERTICAL CROSS SECTION**
Shown with 2X Buck
Outswing



2
4 **VERTICAL CROSS SECTION**
Shown with 1X Buck
Outswing

NOTE:
1. SPACING FOR ITEM F: 3" FROM ENDS &
AT CENTERLINE (3 TOTAL).

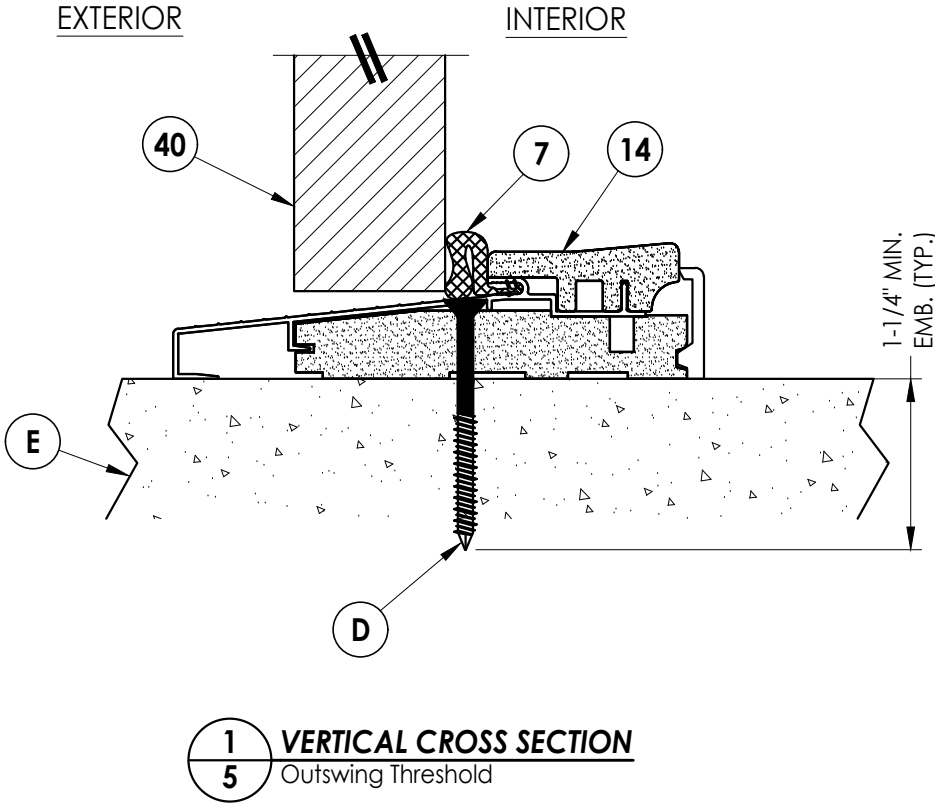


4
4 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing

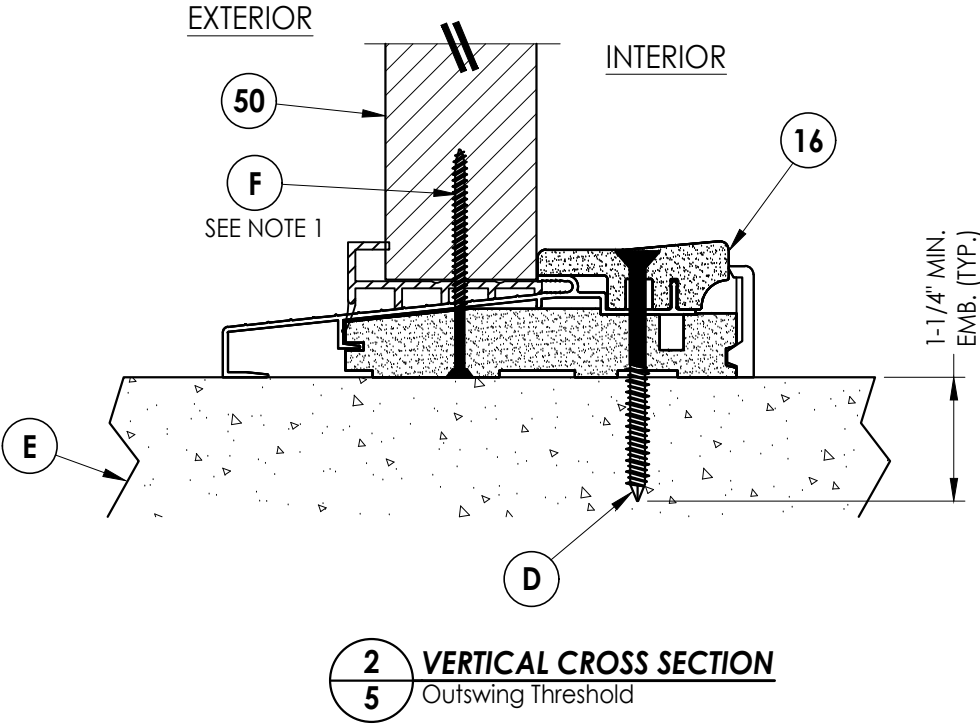
NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT
APPROVAL FOR DOOR CONSTRUCTION DETAILS NOT
SHOWN, INCLUDING LOCK HARDWARE AND HINGE
CONNECTIONS.

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 License No. 9813			
PRODUCT: THERMA-TRU COMPONENTS				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
				LFS	FBC	DATE	REVISIONS
				2	7/24/23	UPDATE TO 8TH ED. (2023)	
				1	7/15/20	UPDATE TO 7th ED (2020)	
				NO.	DATE		
DATE: 10/3/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-27627.7							
SHEET 4 OF 8							

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1
5 VERTICAL CROSS SECTION
Outswing Threshold

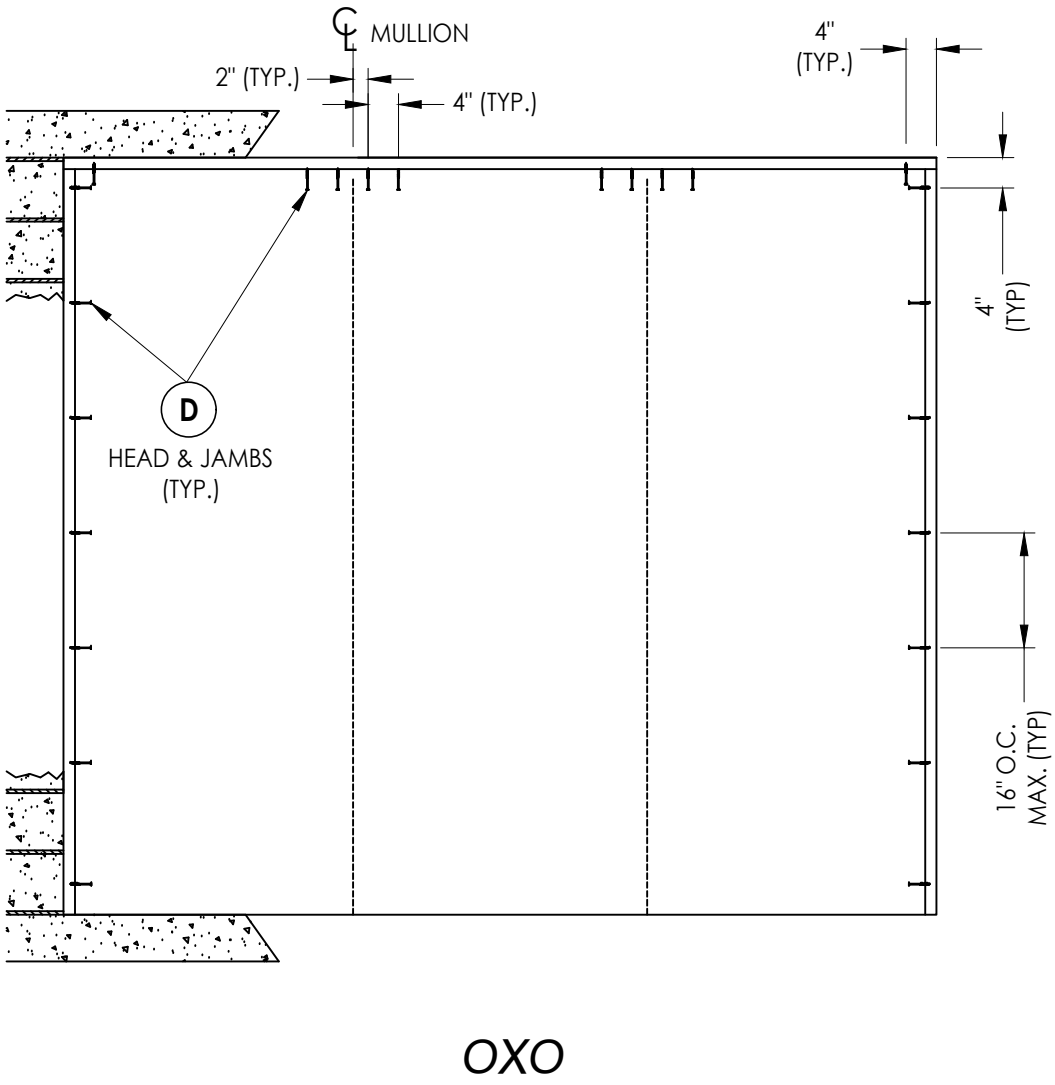
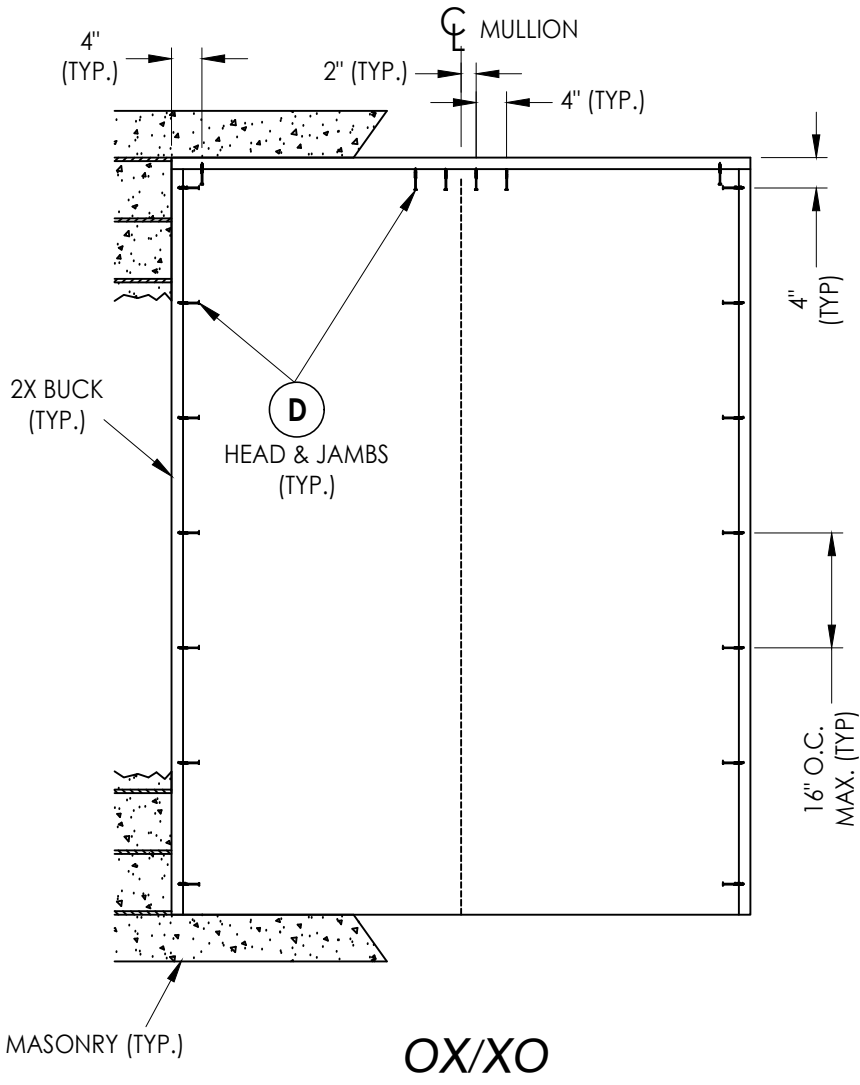


2
5 VERTICAL CROSS SECTION
Outswing Threshold

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

NOTE:
1. SPACING FOR ITEM F: 3" FROM ENDS &
AT CENTERLINE (3 TOTAL).

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 License No. 9813			
THERMA-TRU COMPONENTS				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
				LFS	FBC	REVISIONS	
2	7/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	FBC	NO.	DATE
1	7/15/20	UPDATE TO 7th ED (2020)	FBC	LFS	FBC	BY	
DATE: 10/3/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-27627.7							
SHEET 5 OF 8							



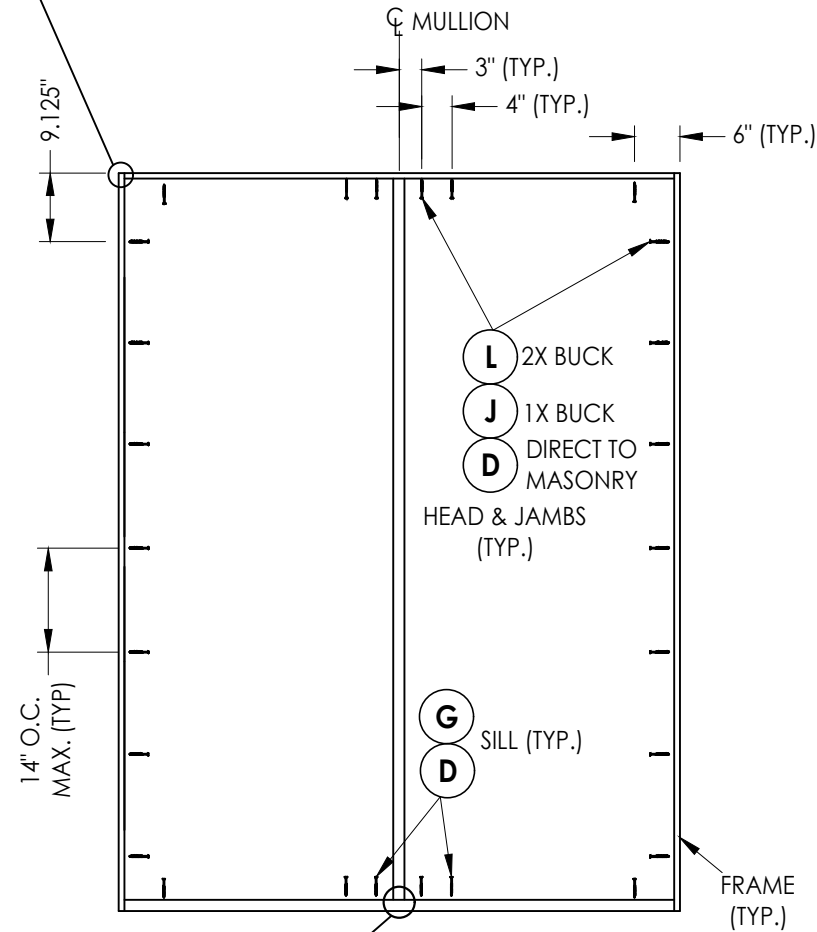
2X BUCK ANCHORING

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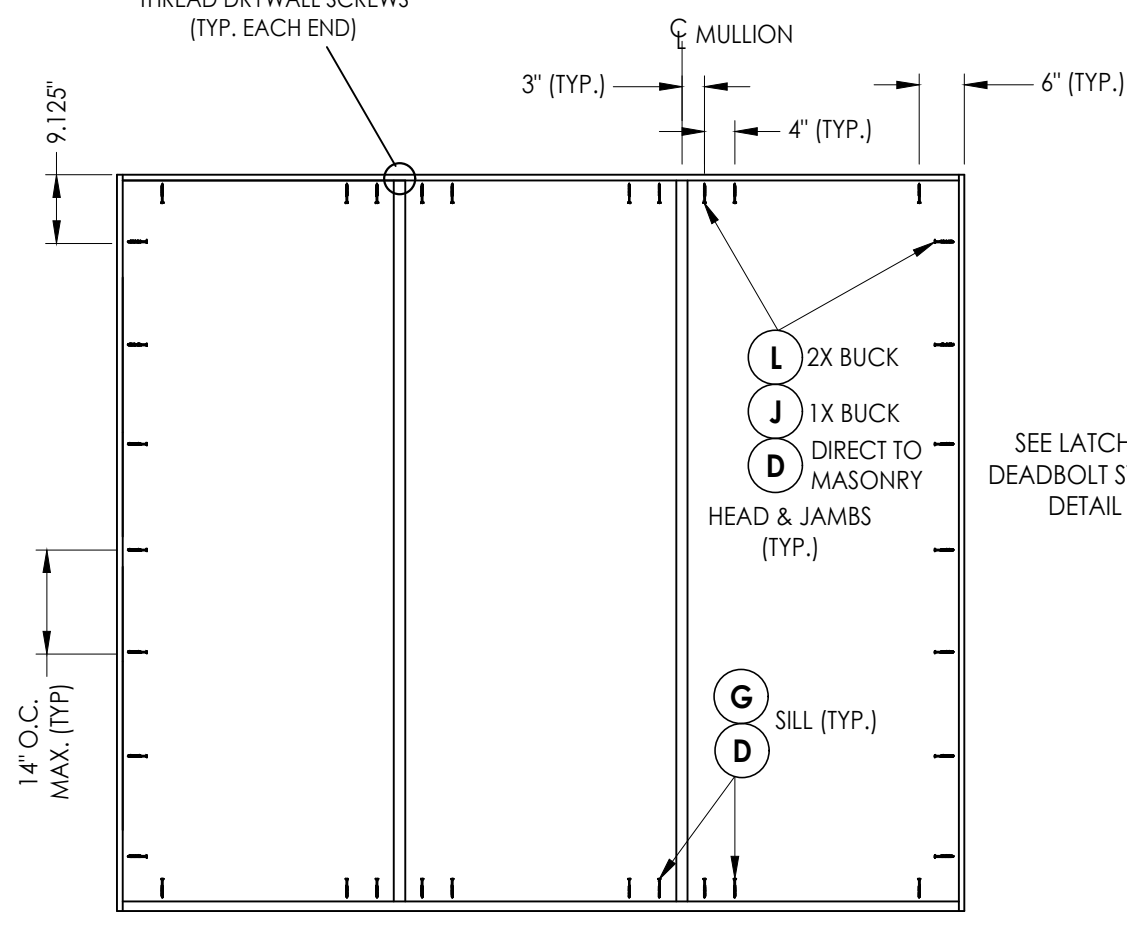
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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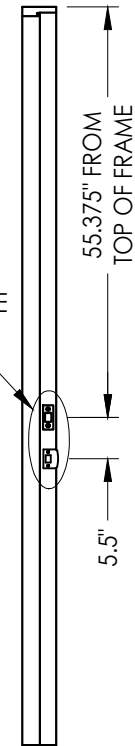
NOTE: FRAME CORNERS ATTACHED w/
(3) #9 X 2-1/2" COURSE THREAD DRYWALL
SCREWS (TYP.)



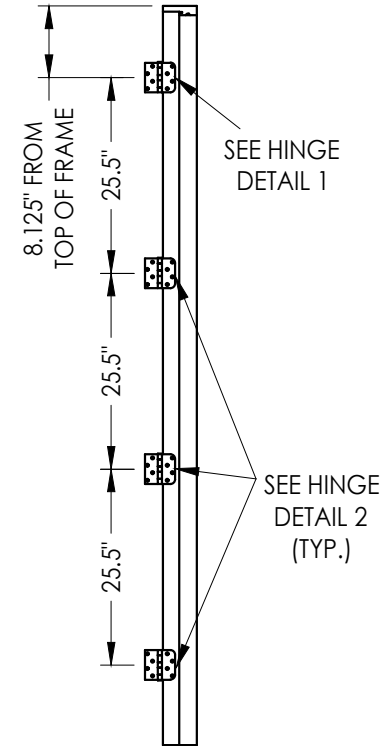
ATTACH FRAME TO MULLION
w/ (3) #9 X 2-1/2" COURSE
THREAD DRYWALL SCREWS
(TYP. EACH END)



SEE LATCH &
DEADBOLT STRIKE
DETAIL \



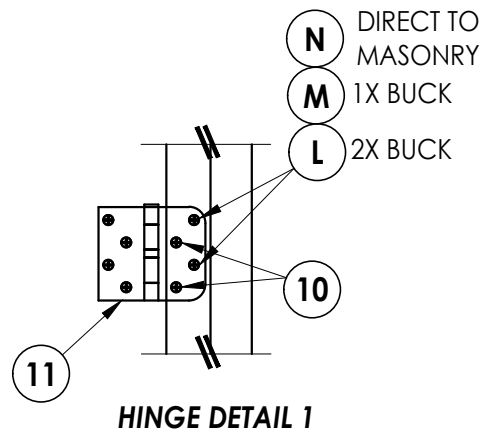
8'0 STRIKE JAMB/MULLION



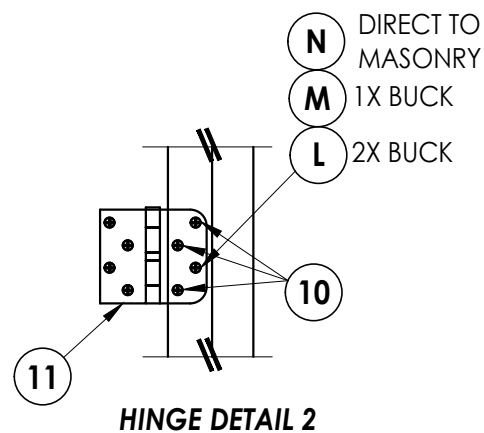
8'0 HINGE JAMB/MULLION

ATTACH FRAME TO MULLION
w/ (3) #9 X 2-1/2" COURSE
THREAD DRYWALL SCREWS
(TYP. EACH END)

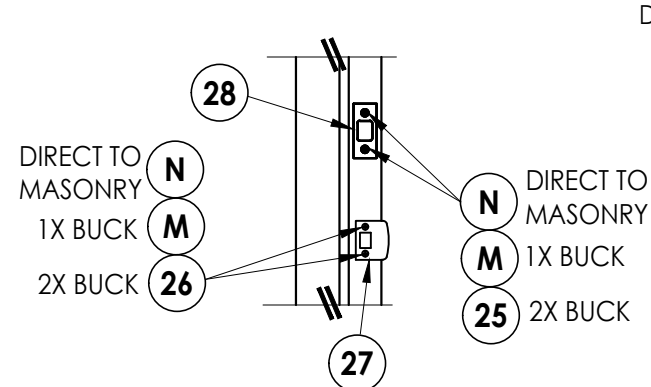
FRAME ANCHORING



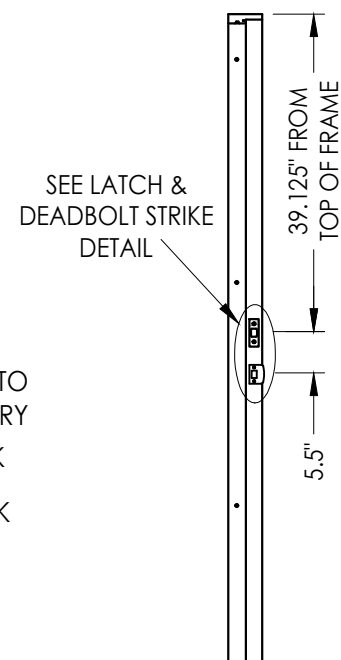
HINGE DETAIL 1



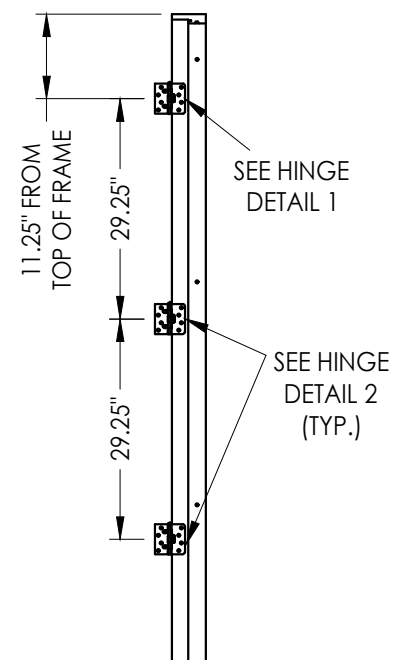
HINGE DETAIL 2



LATCH & DEADBOLT DETAIL



6'8 STRIKE JAMB/MULLION



6'8 HINGE JAMB/MULLION

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 License No. 9813

PRODUCT: THERMA-TRU COMPONENTS

R ASSEMBLY:
FRAME ANCHORING

NO.	DATE	UPDATE TO	8TH ED. (2023)	FBC	LFS
1	7/15/20	UPDATE TO	7th ED	(2020)	FBC
					BY

DATE: 10/3/19

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:

FL-27627.7

SHEET 7 OF 8

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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	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	#8 X 2-1/2" PFH DEEP THREAD WOOD SCREW	STEEL
G	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
H	#8 X 3" PFH WOOD SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW OR TORX HEAD SCREW BY CORTEX (1.15" MIN. EMBEDMENT)	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	COMPOSITE
2	TYPE B (1") MULLION (1" X 3.59")	COMP/LVL
2A	TYPE B (1.5") MULLION (1.5" X 3.59")	COMP/LVL
3	TYPE A MULLION (1" X 4.38")	COMP/LVL
3A	TYPE A (1.5") MULLION (1.5" X 4.38")	COMP/LVL
7	WEATHERSTRIP	FOAM
14	OUTSWING THRESHOLD	ALUM/COMP
16	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
22	DEADBOLT STRIKE PLATE	STEEL
25	#12 X 2-1/2" PFH WOOD SCREW	STEEL
26	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-

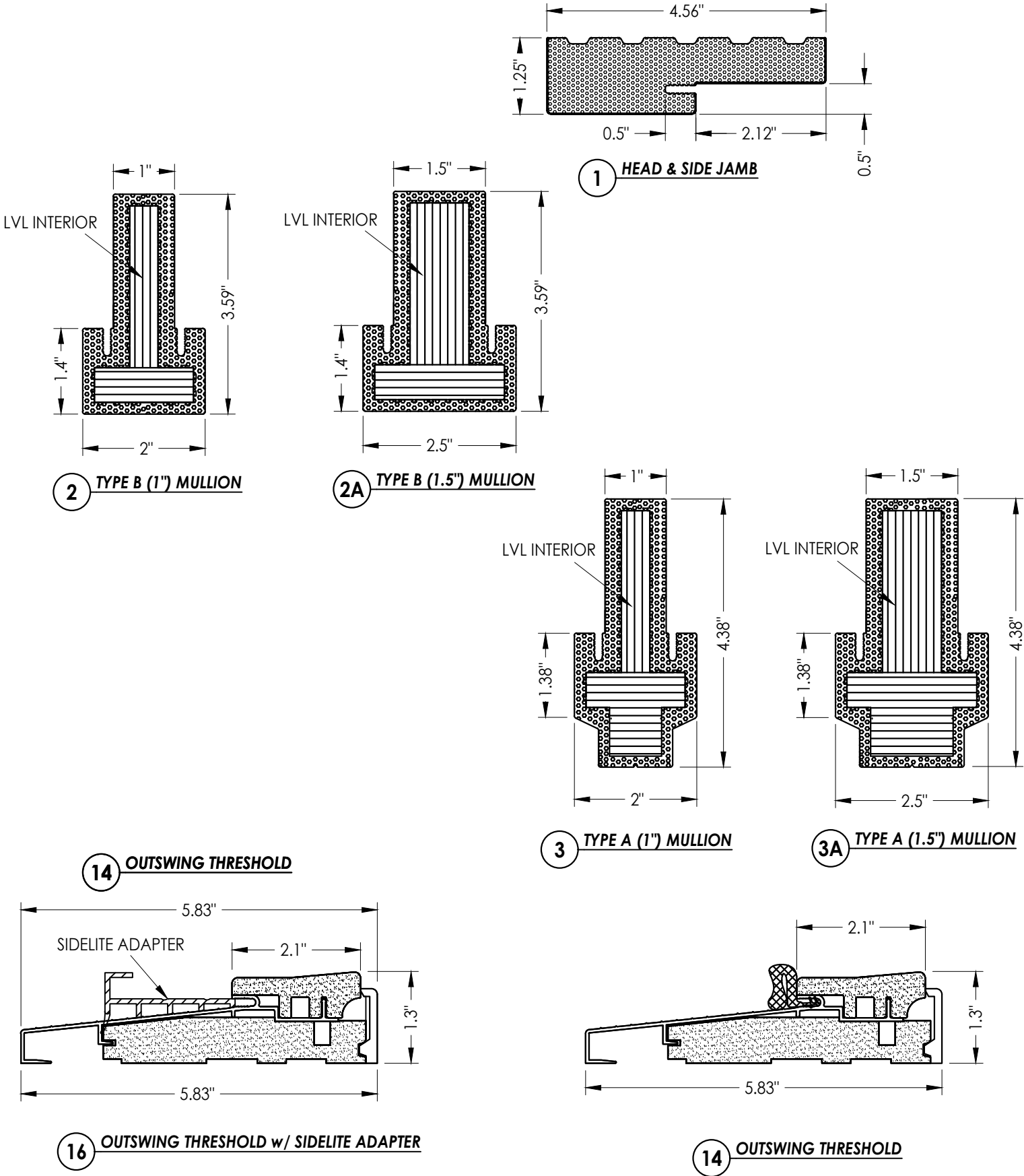
CONCRETE ANCHOR NOTES:

- 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®	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:

- 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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P.E. No. 43409

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

PRODUCT: THERMA-TRU COMPONENTS

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
2	7/24/23	UPDATE TO 8TH ED. (2023) FBC
1	7/15/20	UPDATE TO 7th ED (2020) FBC
		BY

DATE: 10/3/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-27627.7

SHEET 8 OF 8