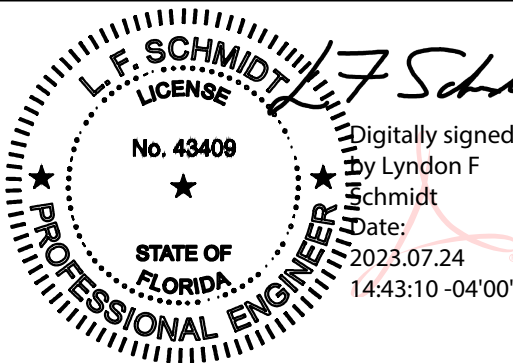
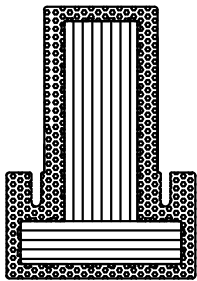
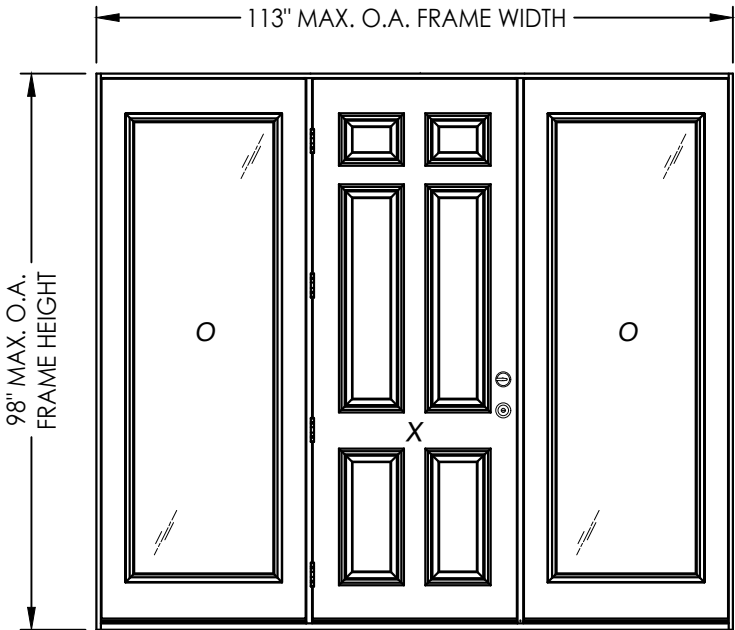


COMPOSITE JAMB

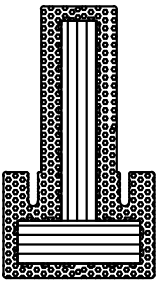
"COMPOSITE JAMB w/
INTEGRAL MULLIONS"

CONTINUOUS HEAD & SILL FRAME SYSTEM

INSWING
"IMPACT"

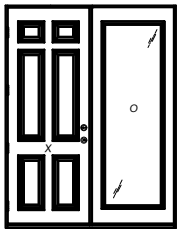
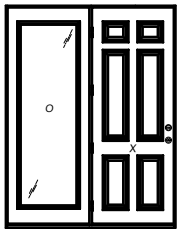


TYPE B (1.5")



TYPE B (1")

INTEGRAL
MULLIONS



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

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.

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

CONFIGURATION	MAX. FRAME DIMENSION	Lock	Mullion Type	DESIGN PRESSURE (PSF)	
				INSWING POSITIVE	INSWING NEGATIVE
OX, XO, OXO	112" X 98"	Lock & Deadbolt	B (1")	+45.0	-50.0
OX, XO, OXO	113" X 98"	Lock & Deadbolt	B (1.5")	+50.0	-50.0
OX, XO, OXO	112" X 98" 113" X 98"	Multipoint	B (1") B (1.5")	+50.0	-50.0

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.

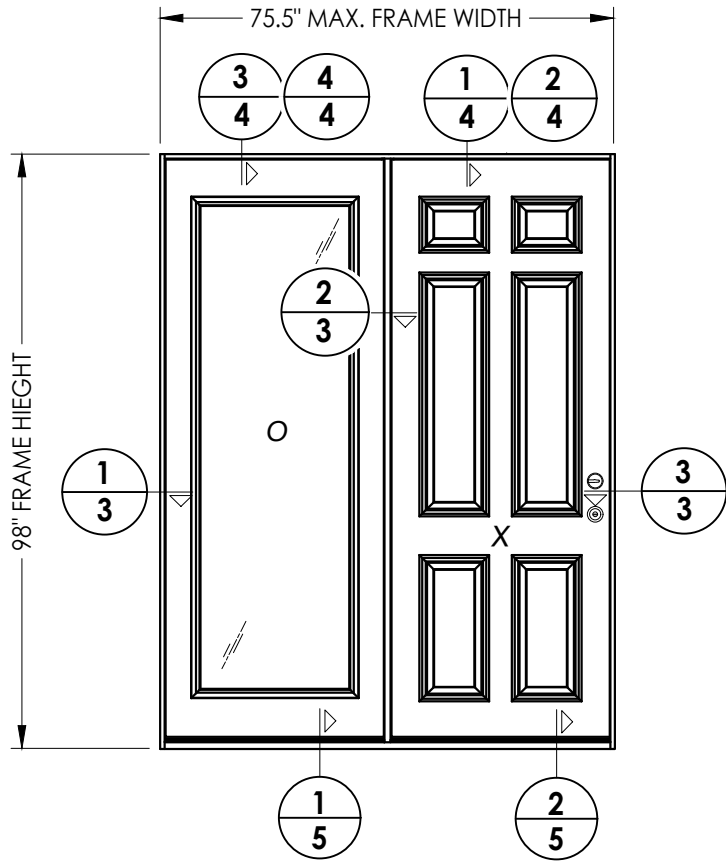
DWG. BY: RW

CHK. BY: LFS

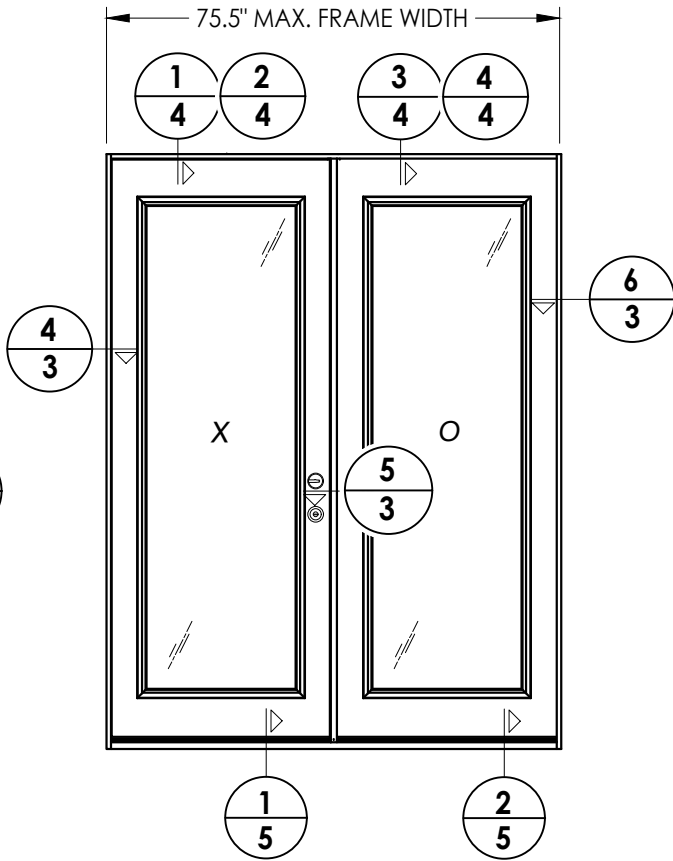
DRAWING NO.: FL-27627.6

SHEET 1 OF 8

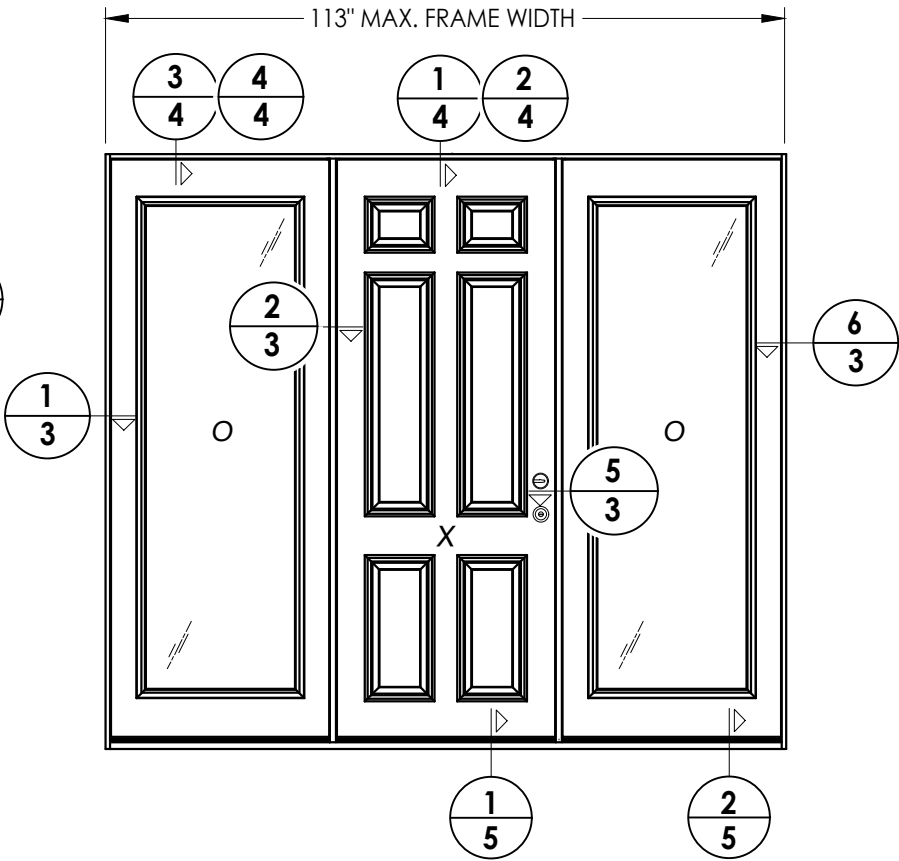
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SINGLE DOOR (CENTER HINGED) w/ SIDELITE
(Shown with opaque door)
(Viewed From Exterior)



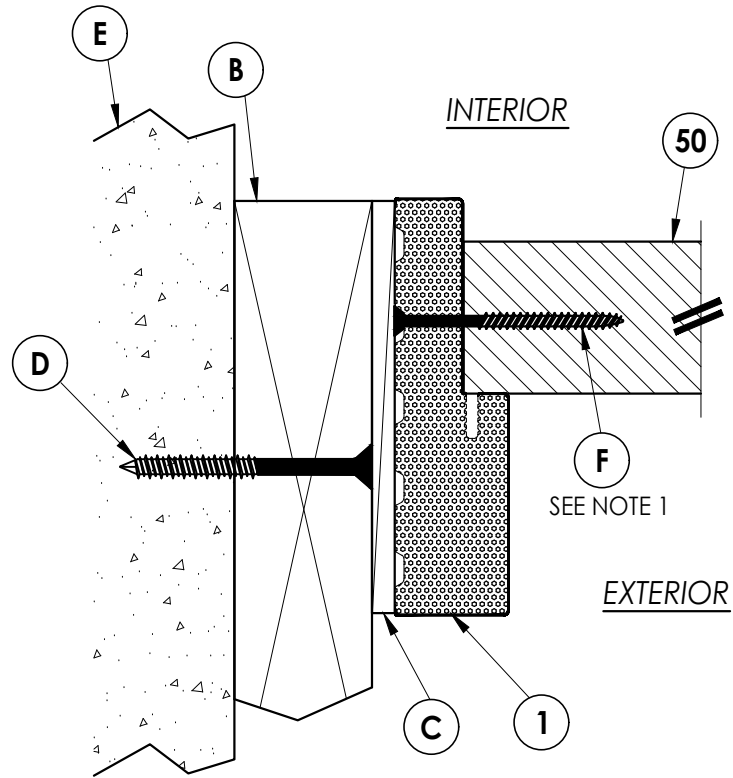
SINGLE DOOR w/ SIDELITE
(Shown with glazed door)
(Viewed From Exterior)



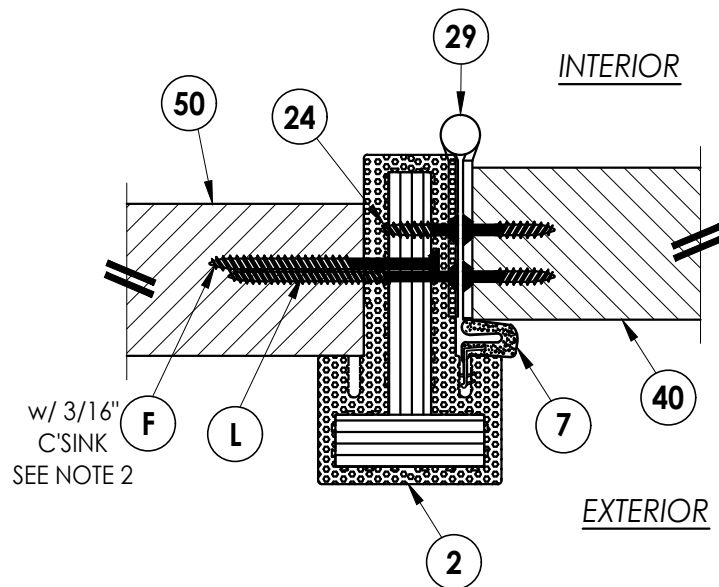
SINGLE DOOR w/ SIDELITES
(Shown with opaque door)
(Viewed From Exterior)

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			
				REVISIONS			
				2	7/24/23	UPDATE TO 8TH ED. (2023)	FBC
				1	7/15/20	UPDATE TO 7th ED (2020)	FBC
				NO.	DATE		BY
DATE: 10/3/19							
SCALE: N.T.S.							
DWG. BY: RW							
CHK. BY: LFS							
DRAWING NO.: FL-27627.6							
SHEET 2 OF 8							

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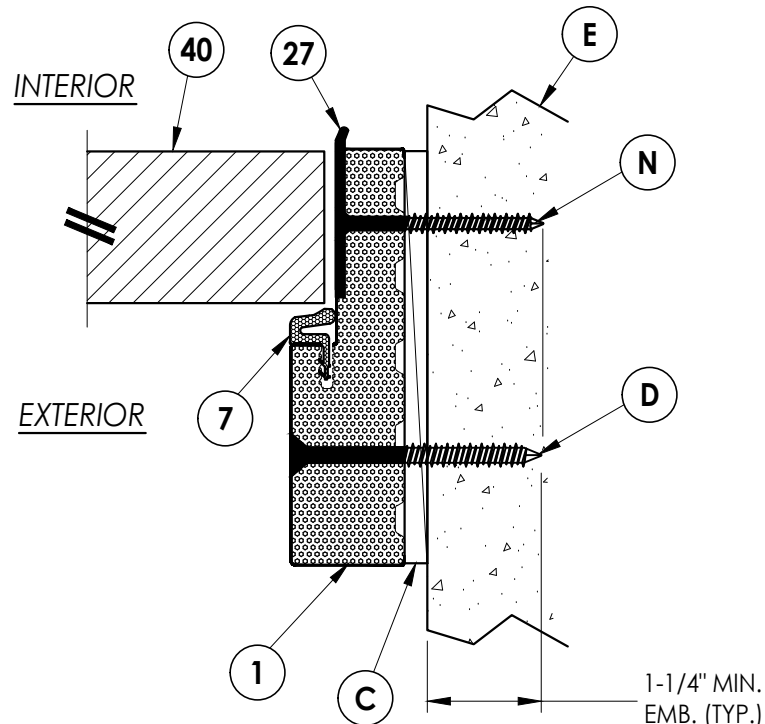


1
3 **HORIZONTAL CROSS SECTION**
Shown with 2X Buck
Inswing

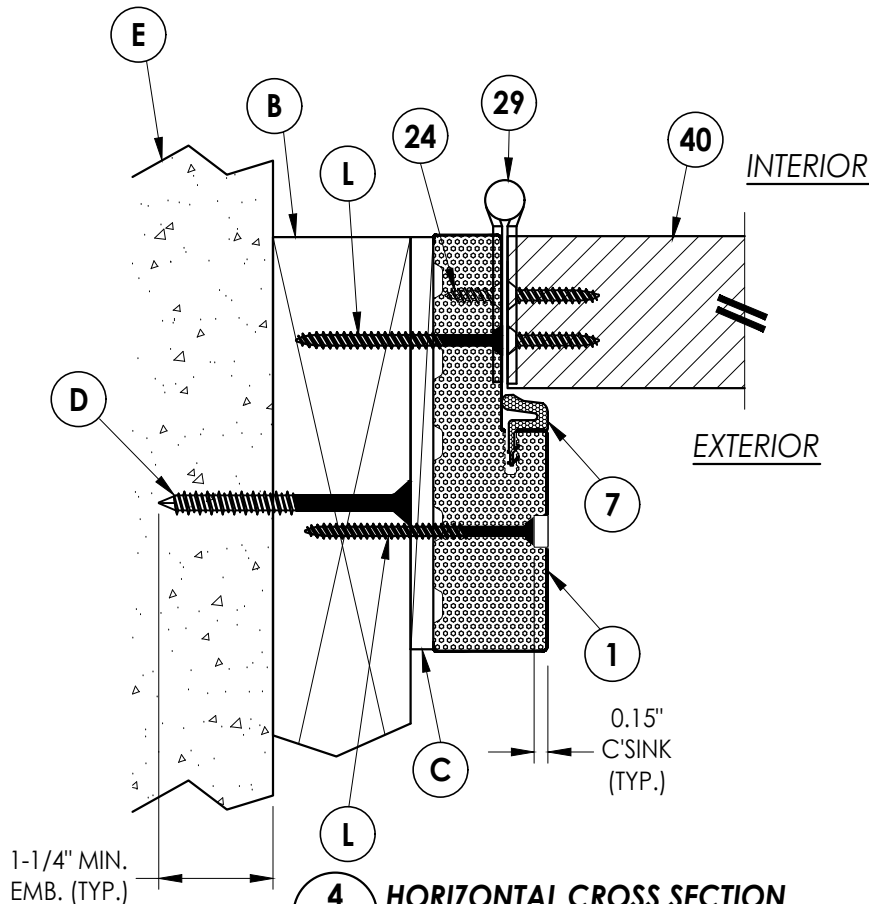


2
3 **HORIZONTAL CROSS SECTION**
Type B (1") Integral Mullion
Inswing

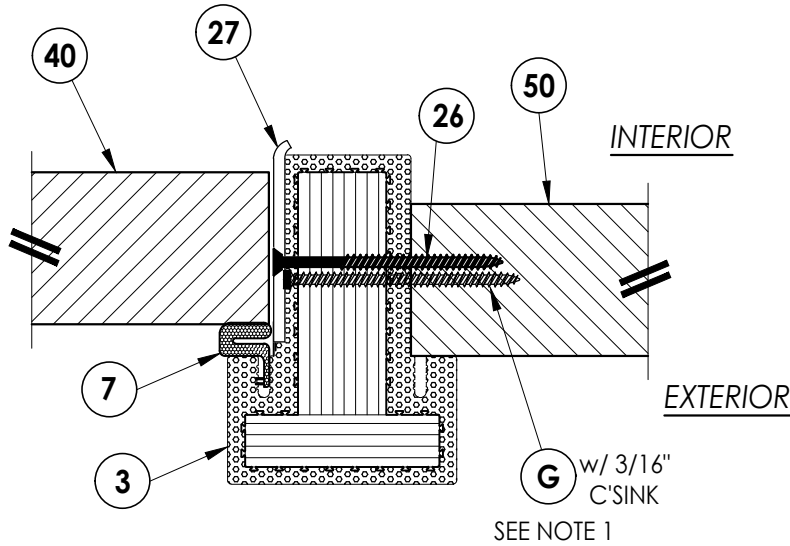
NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT
APPROVAL FOR DOOR CONSTRUCTION DETAILS NOT
SHOWN, INCLUDING LOCK HARDWARE AND HINGE
CONNECTIONS.



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

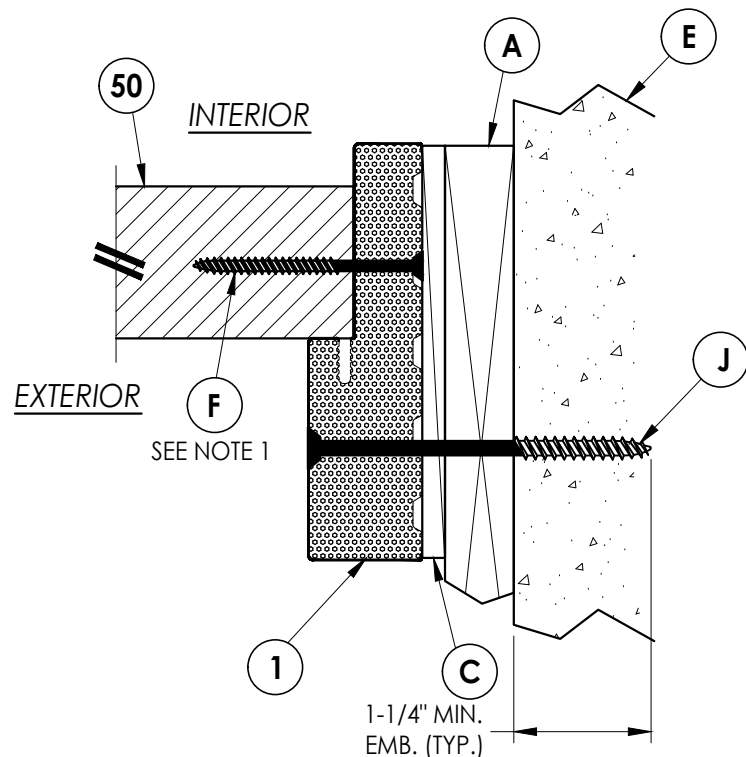


4
3 **HORIZONTAL CROSS SECTION**
Shown with 2X Buck
Inswing



5
3 **HORIZONTAL CROSS SECTION**
Type B (1.5") Integral Mullion
Inswing

- 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).



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

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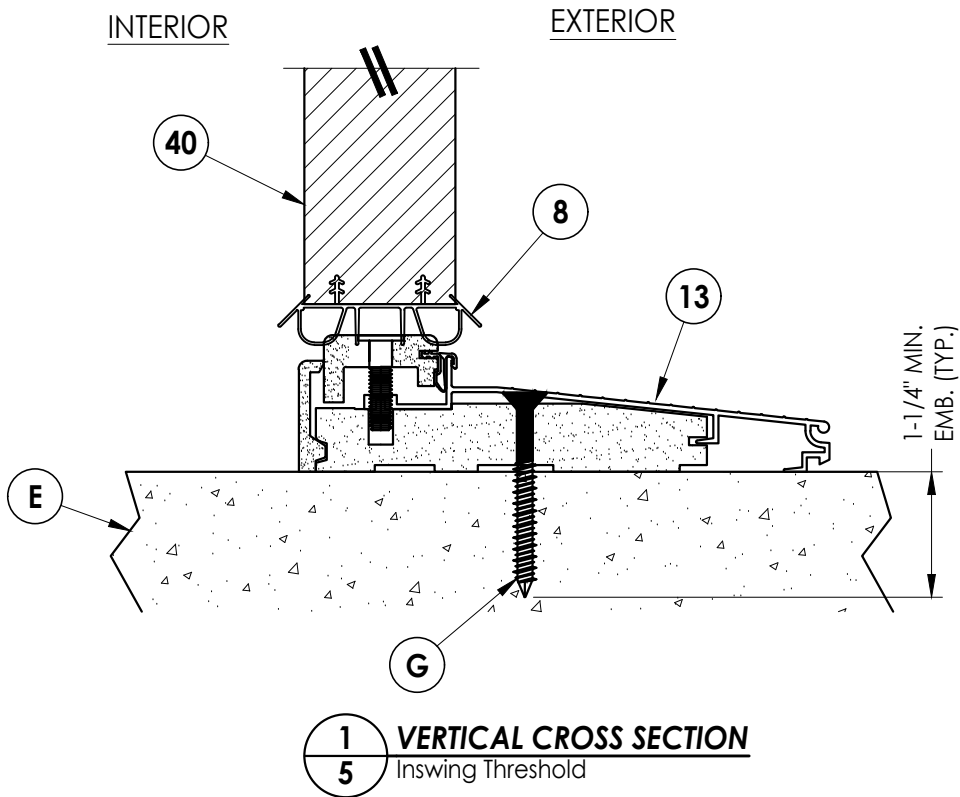
PRODUCT:
THERMA-TRU
COMPONENTS

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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

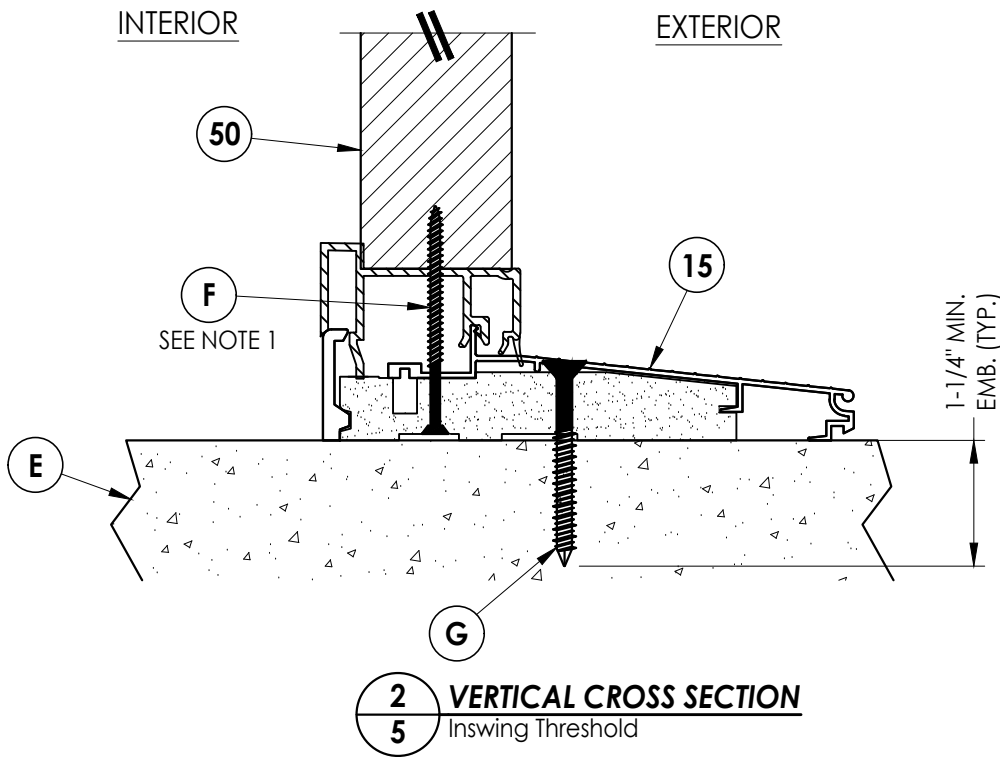
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SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-27627.6
SHEET 3 OF 8

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1
5 VERTICAL CROSS SECTION
Inswing Threshold

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

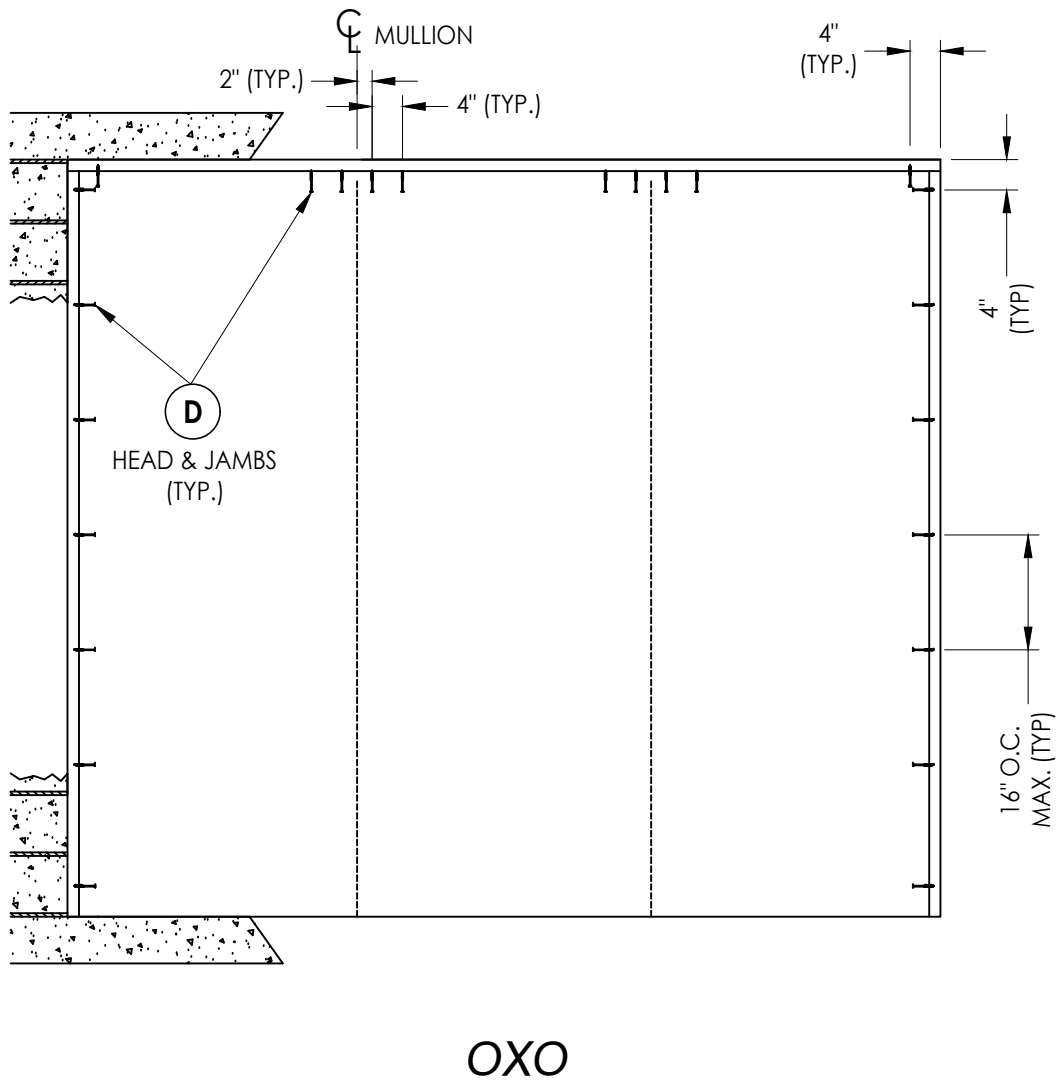
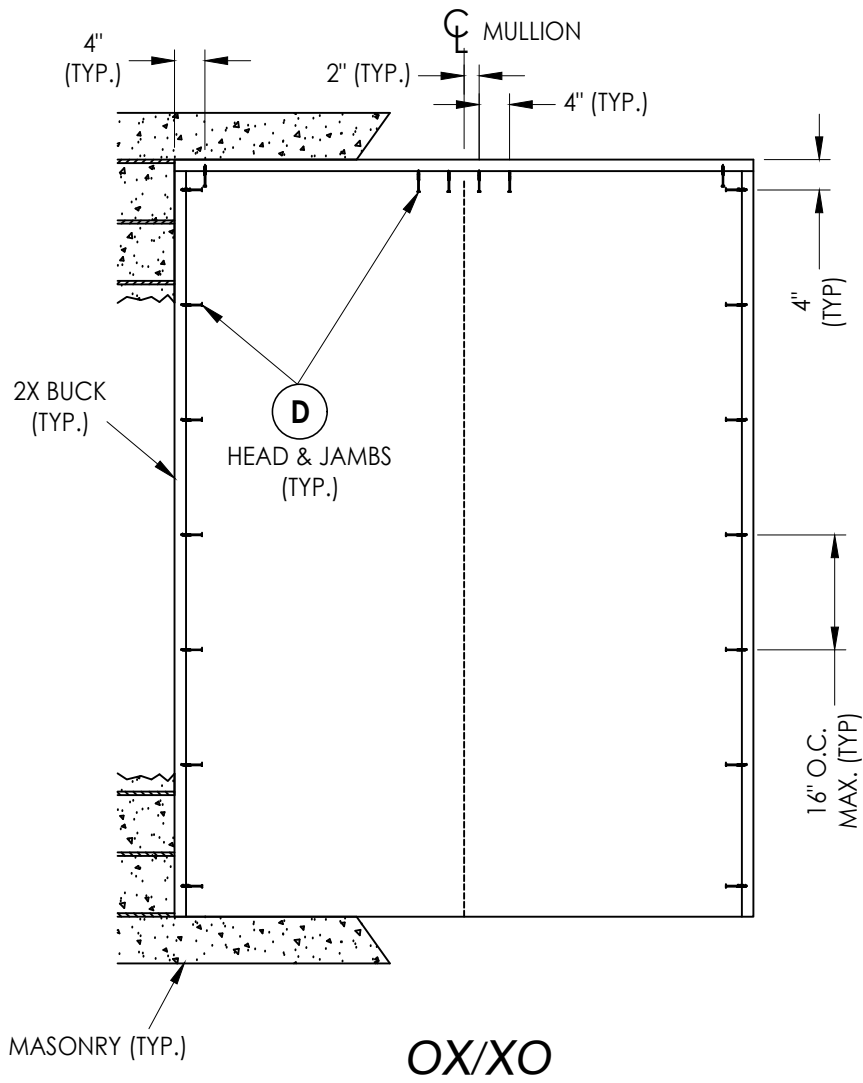


2
5 VERTICAL CROSS SECTION
Inswing Threshold

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

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PRODUCT: THERMA-TRU COMPONENTS				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
				LFS	FBC	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-27627.6							
SHEET 5 OF 8							

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2X BUCK ANCHORING

DATE: 10/3/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

FL-27627.6

SHEET 6 OF 8

PRODUCT:

THERMA-TRU
COMPONENTS

PART OR ASSEMBLY:

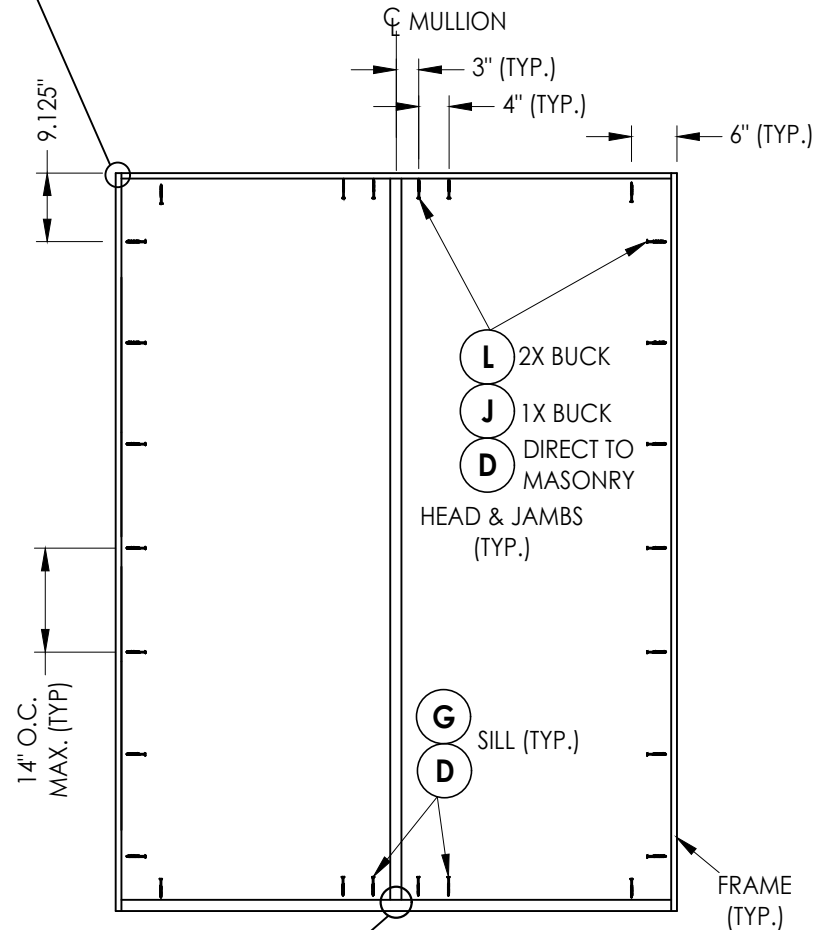
BUCK ANCHORING

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

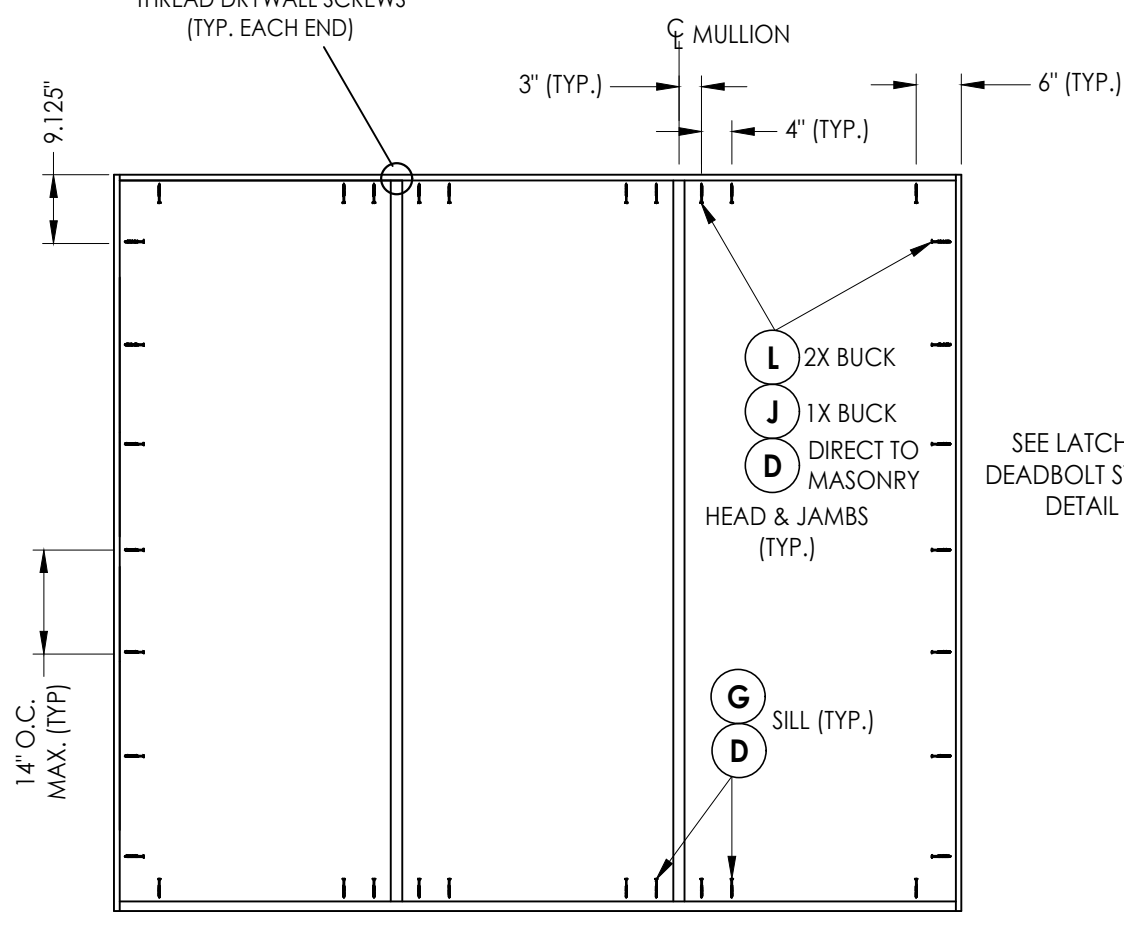
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
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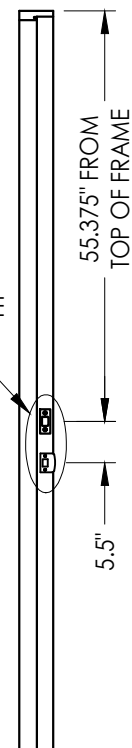
NOTE: FRAME CORNERS ATTACHED w/
(3) #9 X 2-1/2" COURSE THREAD DRYWALL
SCREWS (TYP.)



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

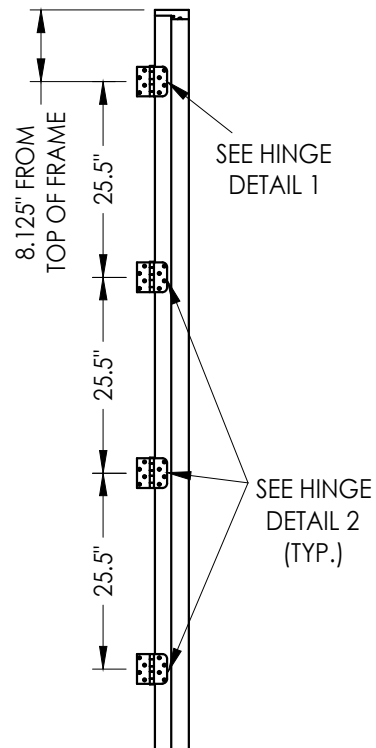


SEE LATCH &
DEADBOLT STRIKE
DETAIL \



8'0 STRIKE JAMB/MULLION

SEE HINGE
DETAIL 1

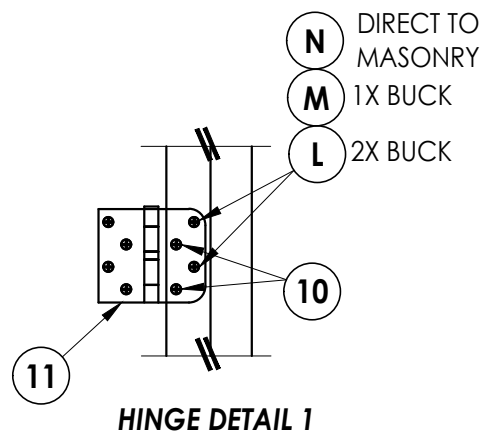


SEE HINGE
DETAIL 2
(TYP.)

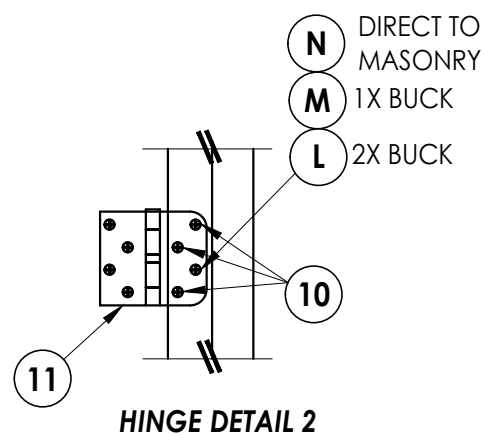
8'0 HINGE JAMB/MULLION

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

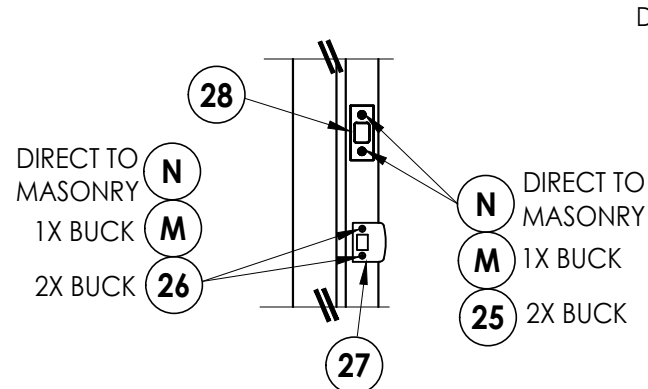
FRAME ANCHORING



HINGE DETAIL 1

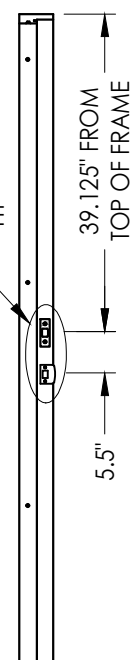


HINGE DETAIL 2



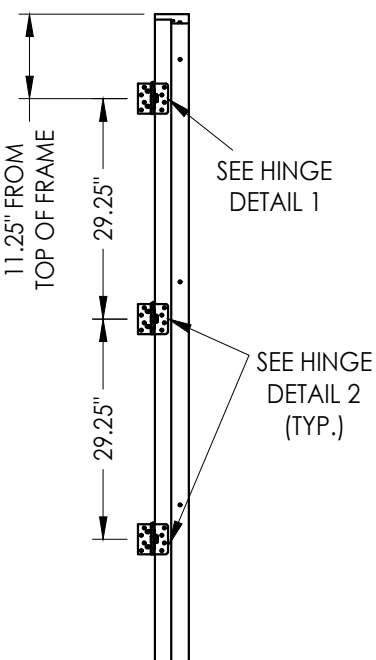
LATCH & DEADBOLT DETAIL

SEE LATCH &
DEADBOLT STRIKE
DETAIL \



6'8 STRIKE JAMB/MULLION

SEE HINGE
DETAIL 1



SEE HINGE
DETAIL 2
(TYP.)

6'8 HINGE JAMB/MULLION

[illegible]

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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
3	TYPE B (1.5") MULLION (1.5" X 3.59")	COMP/LVL
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
13	INSWING THRESHOLD	ALUM/COMP
15	INSWING 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	-

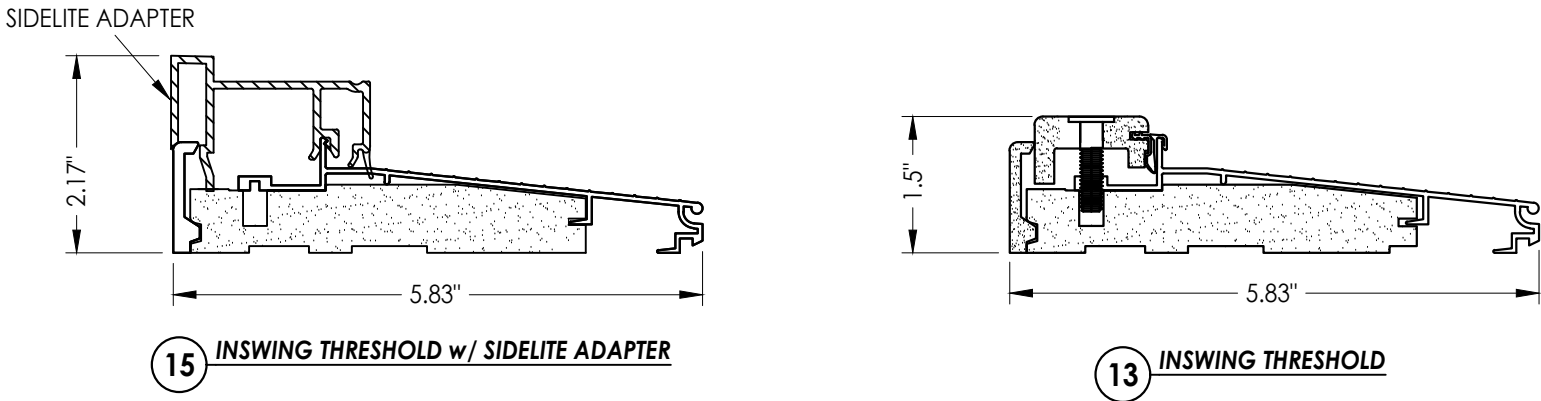
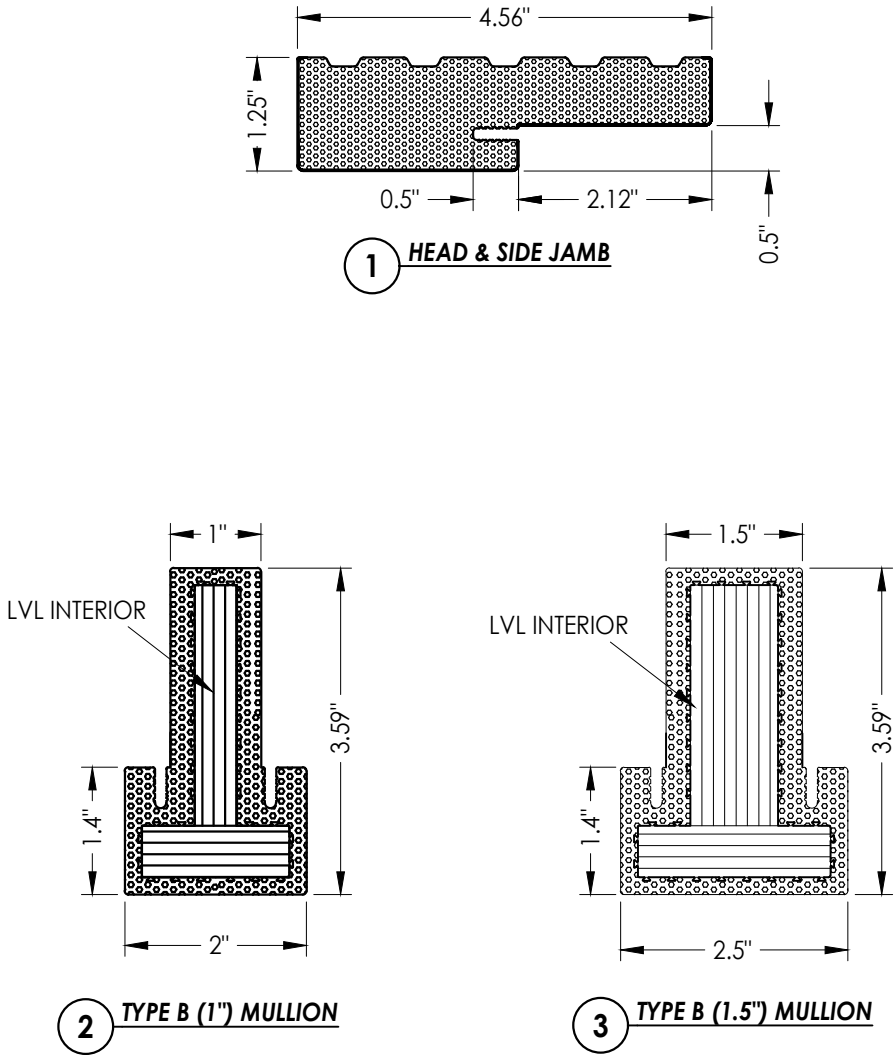
CONCRETE ANCHOR NOTES:

- 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: 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: BILL OF MATERIALS & COMPONENTS	
		LFS	BY
		2	7/24/23
		1	7/15/20
		NO.	DATE
		REVISIONS	
		DATE: 10/3/19	
		SCALE: N.T.S.	
		DWG. BY: RW	
		CHK. BY: LFS	
		DRAWING NO.: FL-27627.6	
		SHEET 8 OF 8	