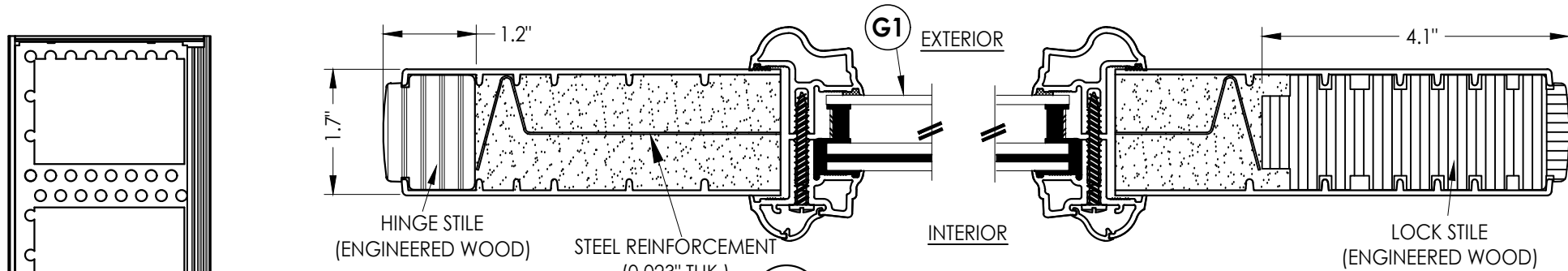
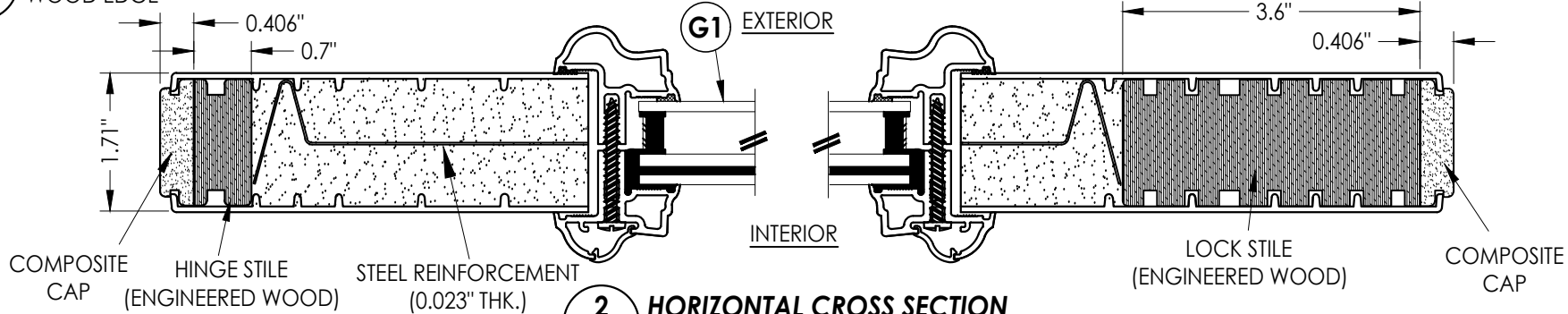


Z:\2023 FBC Drawings\Therma-Tru\FL-30482 R5\FL-30482.1-3.dwg



1
2
HORIZONTAL CROSS SECTION
WOOD EDGE



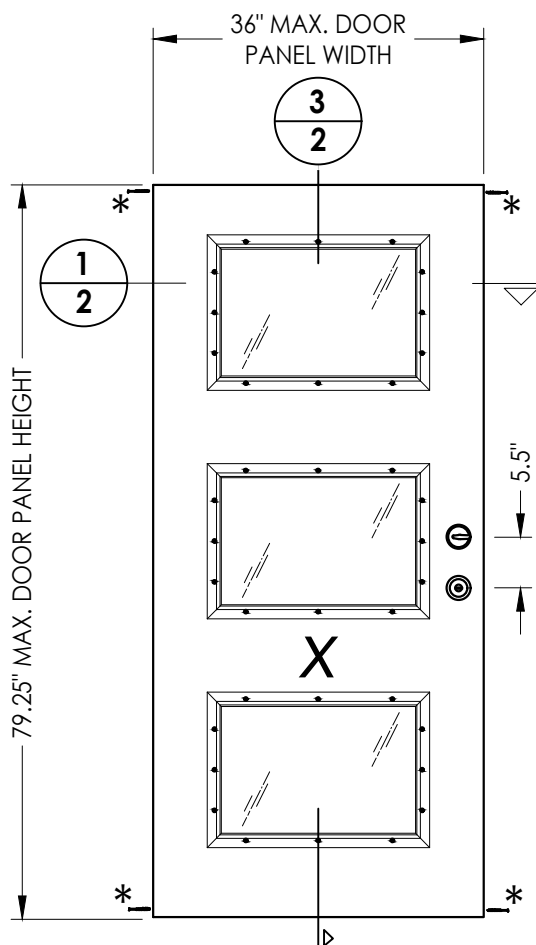
2
2
HORIZONTAL CROSS SECTION
COMPOSITE EDGE

- NOTES:
- BOOK, HYBRID & U1 DOORS MAY EACH BE FABRICATED AS WOOD OR COMPOSITE EDGE DOORS
 - CUT DOWN OPTION: DOORS MAY BE TRIMMED UP TO 1/4" MAX. ALONG THE TOP & BOTTOM RAILS (TOTAL DOOR REDUCED HEIGHT OF 1/2")

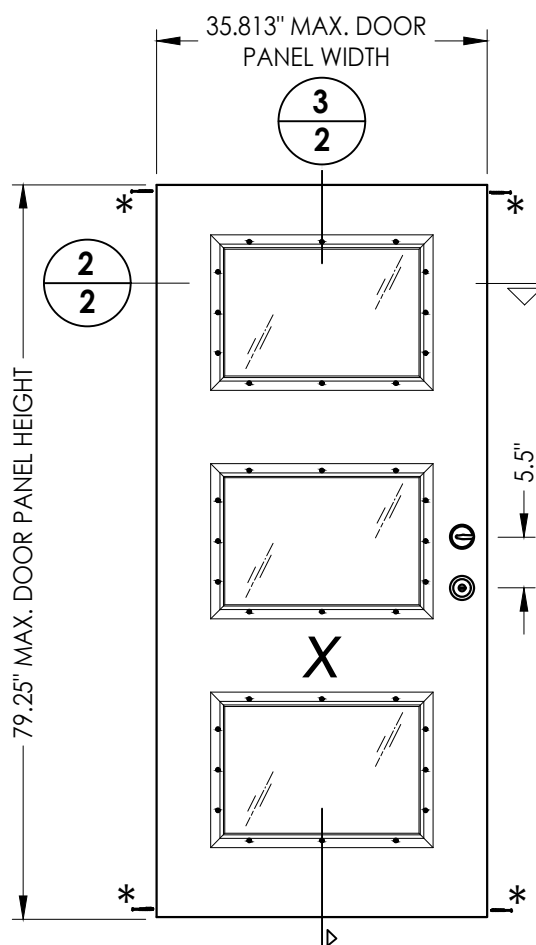
PANEL REINFORCEMENT
(0.023" Thick Steel)

2" DIA. MAX.
STEEL REINFORCEMENT
28.86% OPEN
AREA MAX.

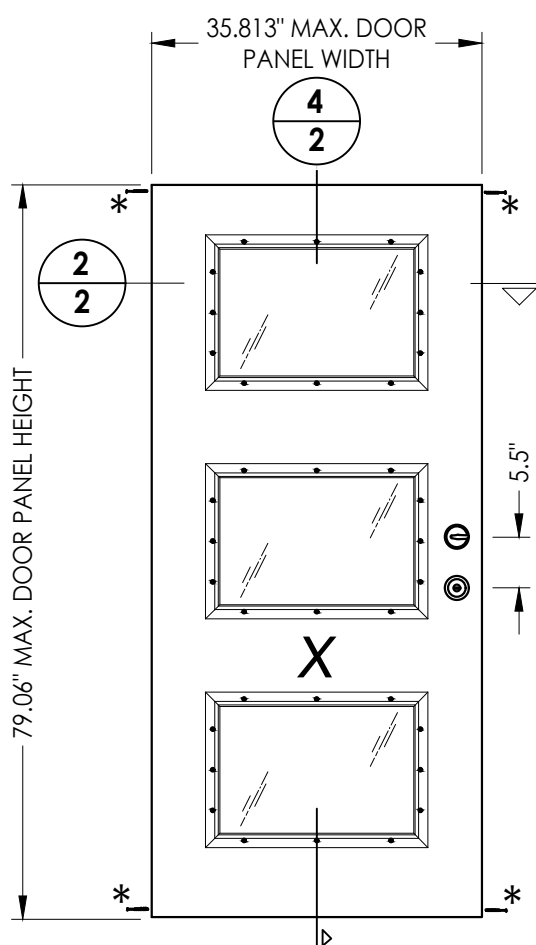
* #8 X 2.5" PFH WS (TYP. @ EACH DOOR CORNER)



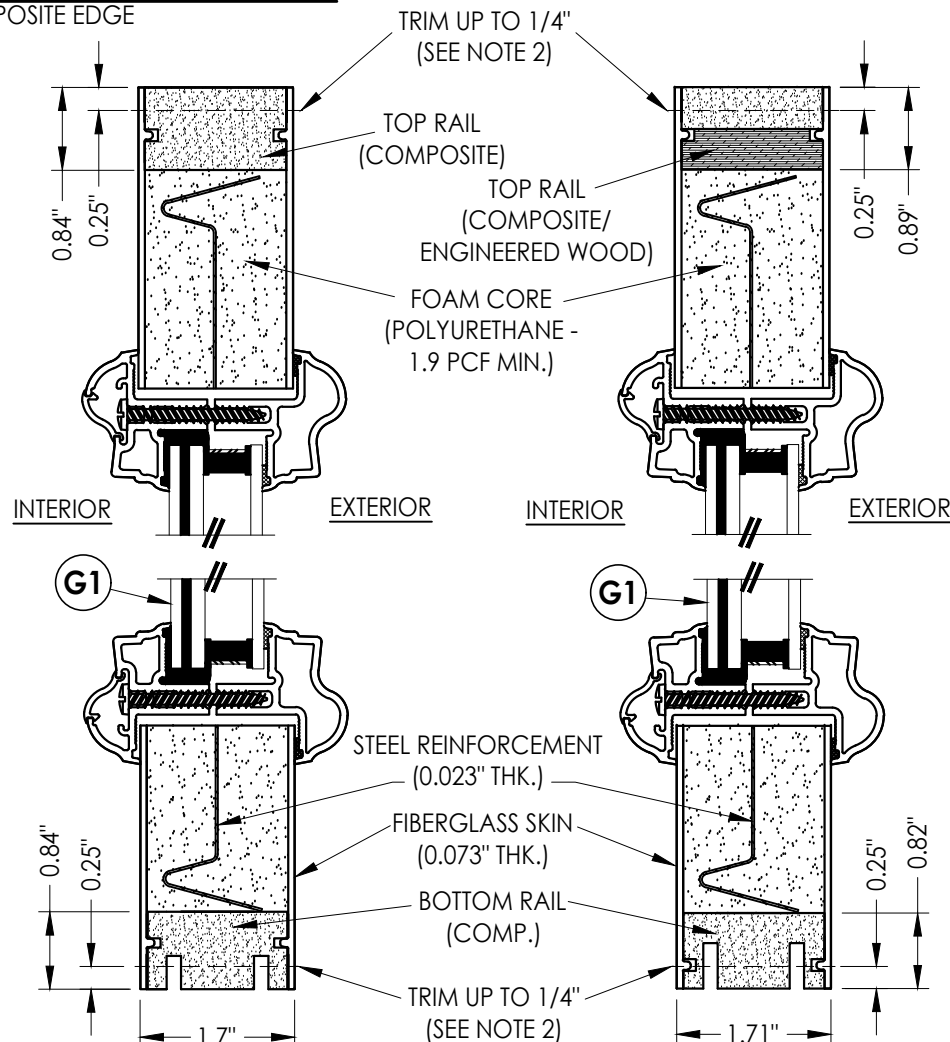
40
DOOR PANEL
BOOK



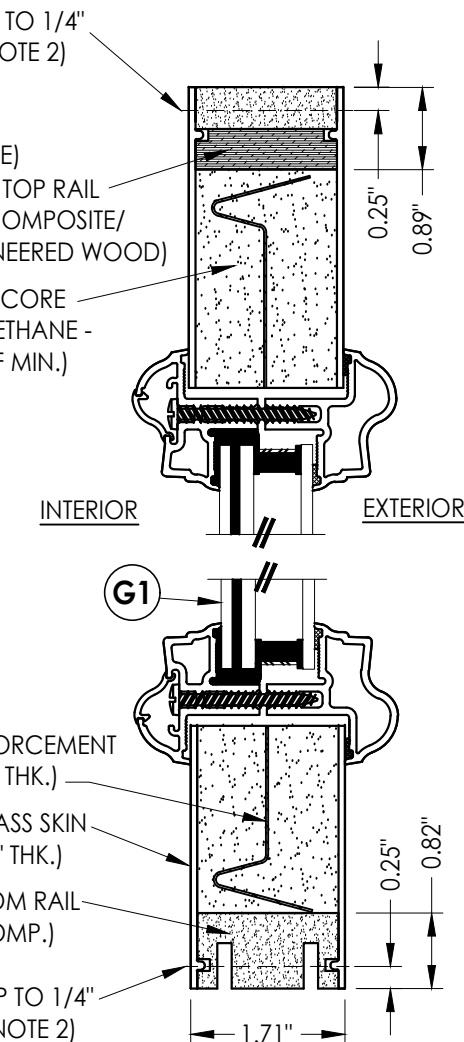
41
DOOR PANEL
Hybrid Door



42
DOOR PANEL
U1 Door



3
2
VERTICAL CROSS SECTION
WOOD EDGE



4
2
VERTICAL CROSS SECTION
COMPOSITE EDGE

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

NO.	DATE	REVISIONS
4	6/16/25	REVISE DIRECT TO MASONRY INST. LFS
3	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS
1	5/20/20	ADD DOOR CUT DOWN OPTION LFS

DATE: 10/01/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30482.1

SHEET 2 OF 11

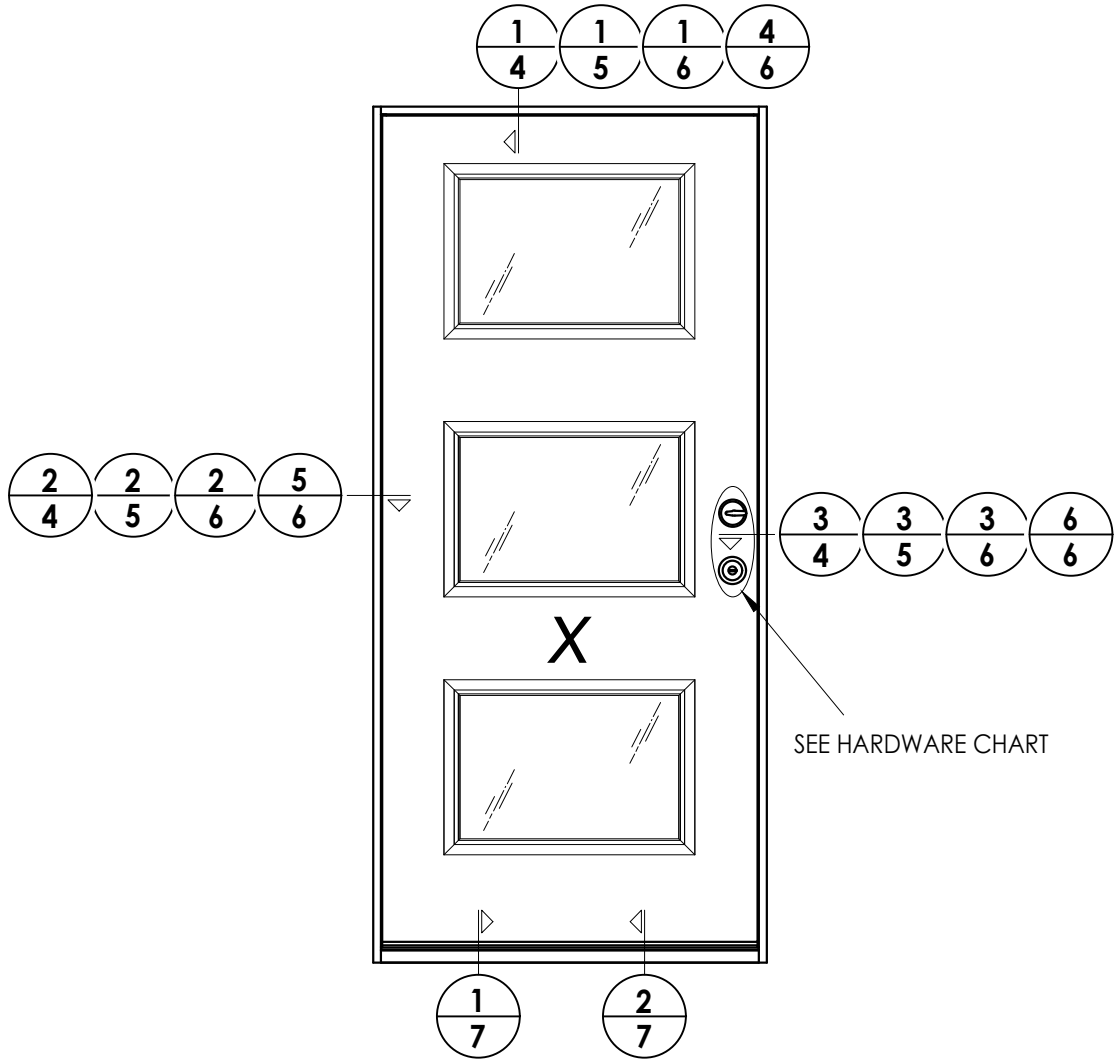
RW BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

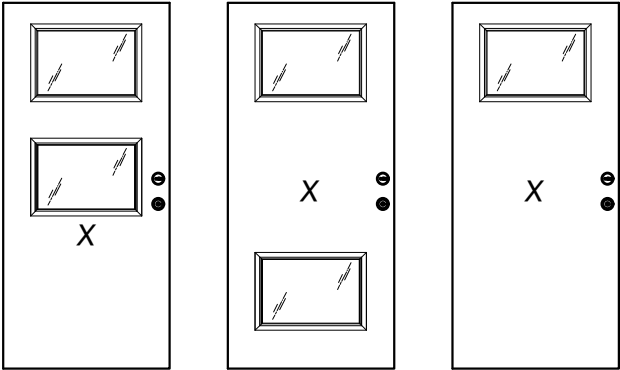
Phone No.: 813.659.9197

FBPE Registry License No. 9813

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HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
HOPPE (THERMA-TRU)	MULTIPOINT : MPDGART (3 pt. Manual Tongue)	



Fiber-Classic/Smooth-Star Door Panel Options
Panel options shown are for illustration and are representative only
(similar glazed panel configurations are allowed)

DATE: 10/01/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30482.1

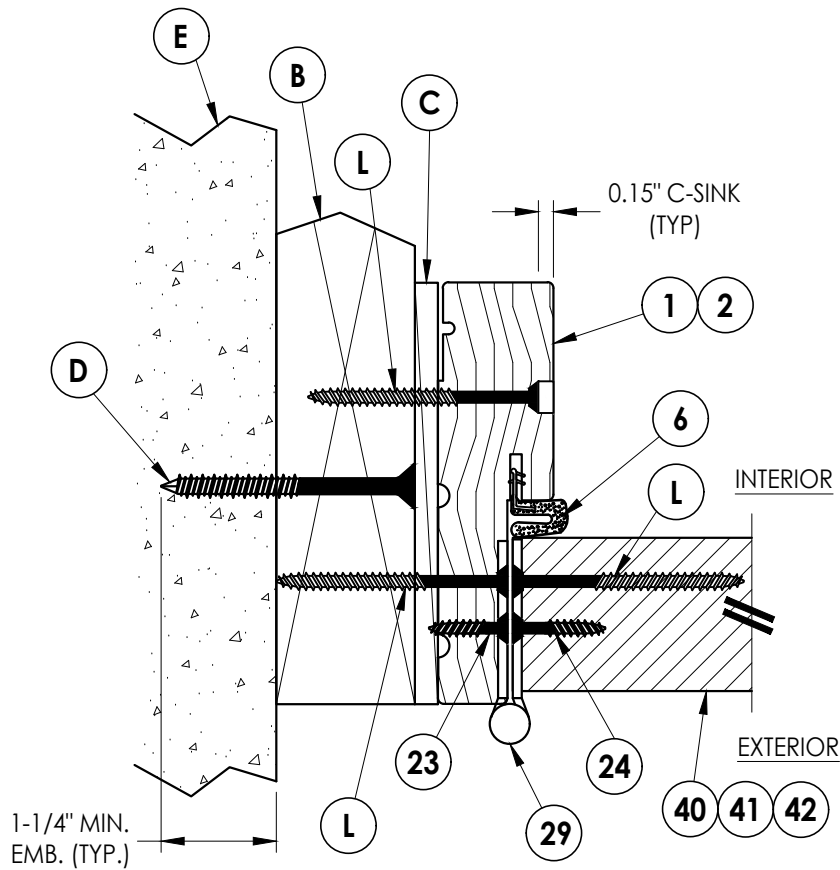
SHEET 3 OF 11

PRODUCT:	THERMA-TRU FIBERGLASS DOOR	
	PART OR ASSEMBLY:	
	ELEVATIONS	
	REVISONS	
	NO.	DATE
4	6/16/25	REVISE DIRECT TO MASONRY INST.
3	7/27/23	UPDATE TO 8TH ED. (2023) FBC
2	7/23/20	UPDATE TO 7TH ED (2020) FBC
1	5/20/20	ADD DOOR CUT DOWN OPTION
	BY	

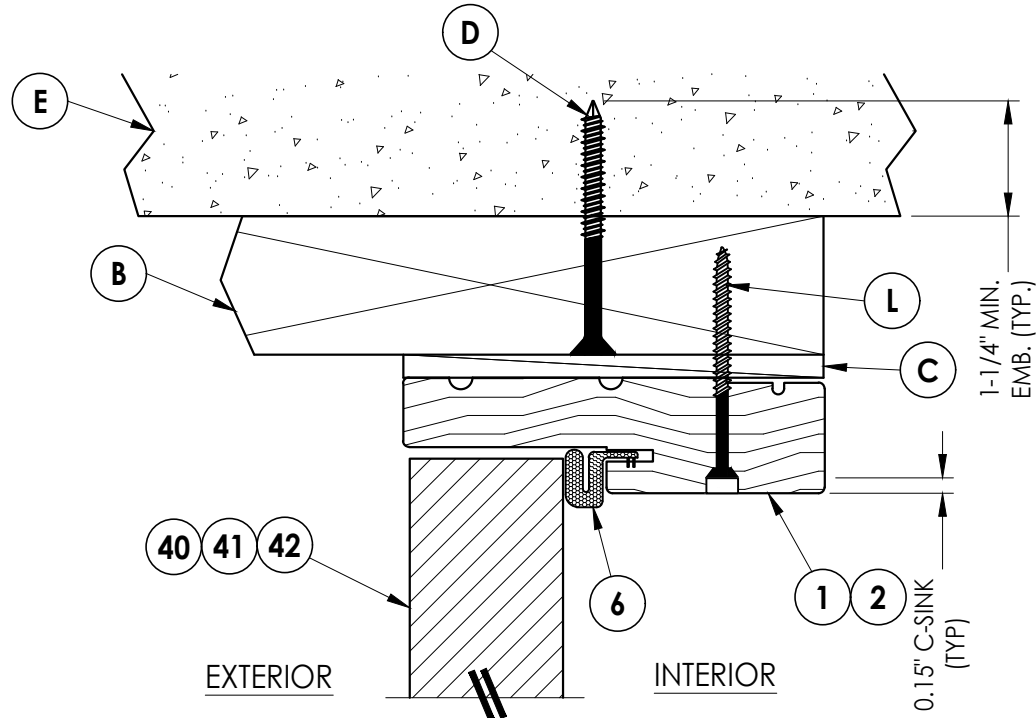
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

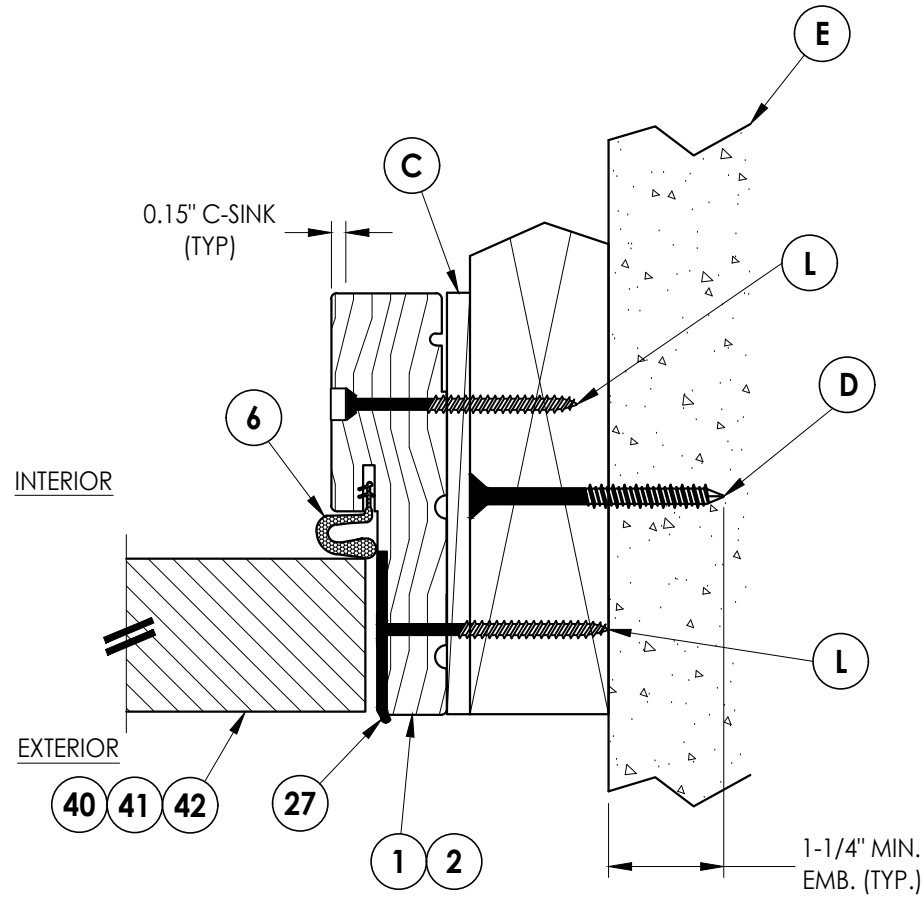
Z:\2023 FBC Drawings\Therma-Tru\FL-30482 R5\FL-30482.1-3.dwg



2 HORIZONTAL CROSS SECTION
4 Shown w/ 2X Buck
Outswing shown (Inswing similar)



1 VERTICAL CROSS SECTION
4 Shown w/ 2X Buck
Outswing shown (Inswing similar)



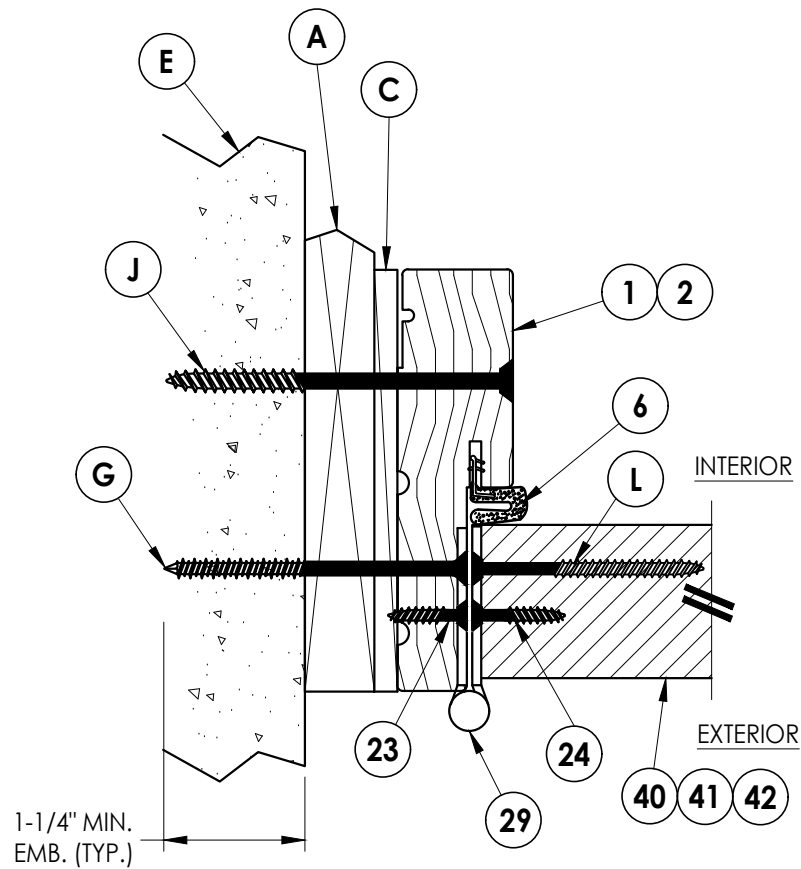
3 HORIZONTAL CROSS SECTION
4 Shown w/ 2X Buck
Outswing shown (Inswing similar)

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
REVISE DIRECT TO MASONRY INST.		LFS	
UPDATE TO 8TH ED. (2023) FBC		LFS	
UPDATE TO 7TH ED (2020) FBC		LFS	
ADD DOOR CUT DOWN OPTION		LFS	
NO.		DATE	BY
		REVISIONS	
DATE: 10/01/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-30482.1			
SHEET 4 OF 11			

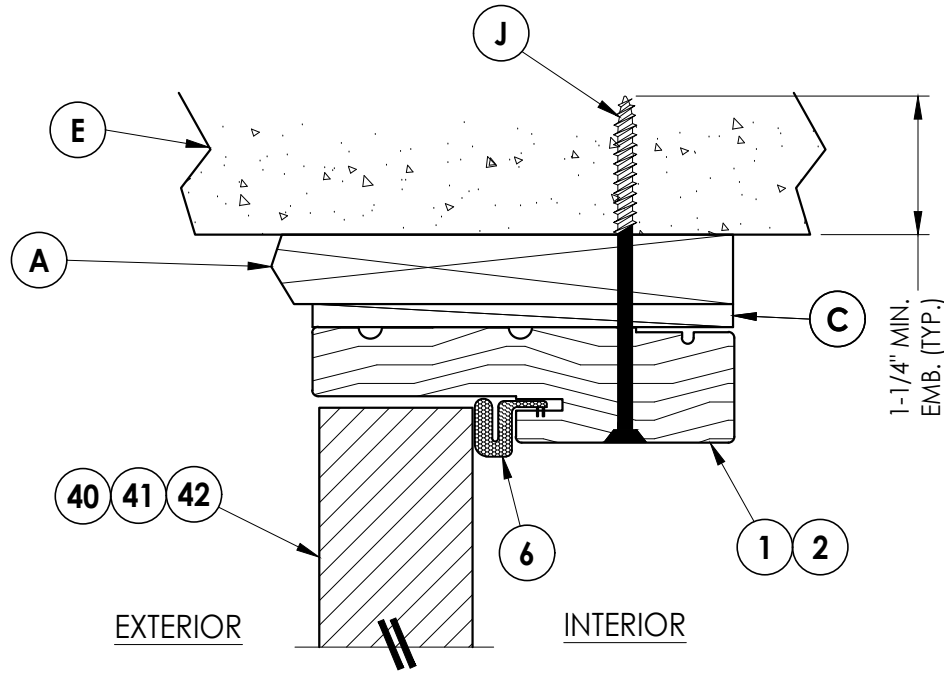
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

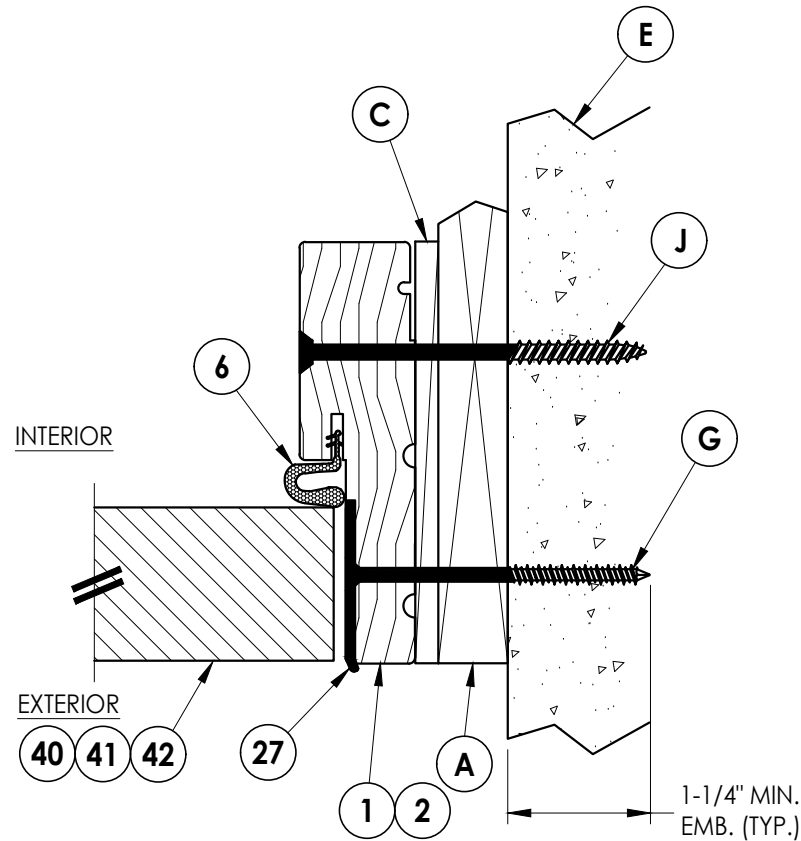
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2 HORIZONTAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



1 VERTICAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3 HORIZONTAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

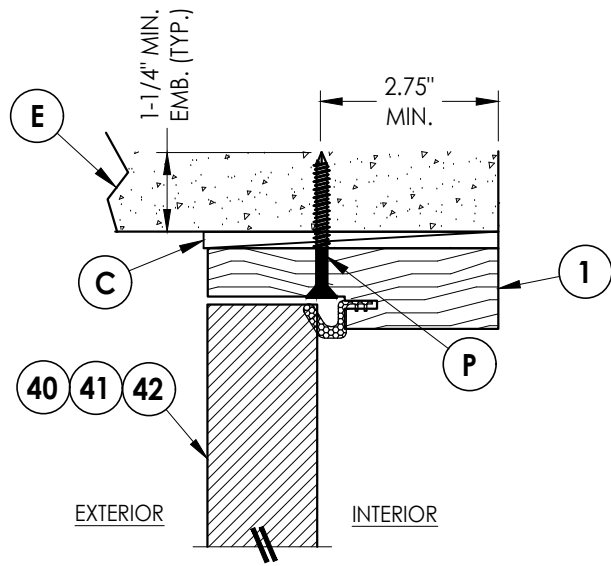
REVISIONS	
NO.	DATE
1	5/20/20
2	7/23/20
3	7/27/23
4	6/16/25

DATE:	10/01/19
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30482.1
SHEET	5 OF 11

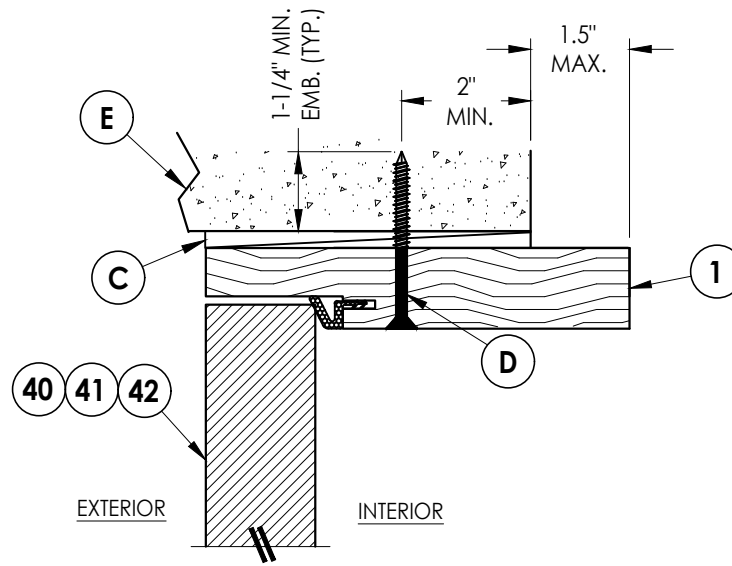
PRODUCT:	
THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:	
HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	

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	

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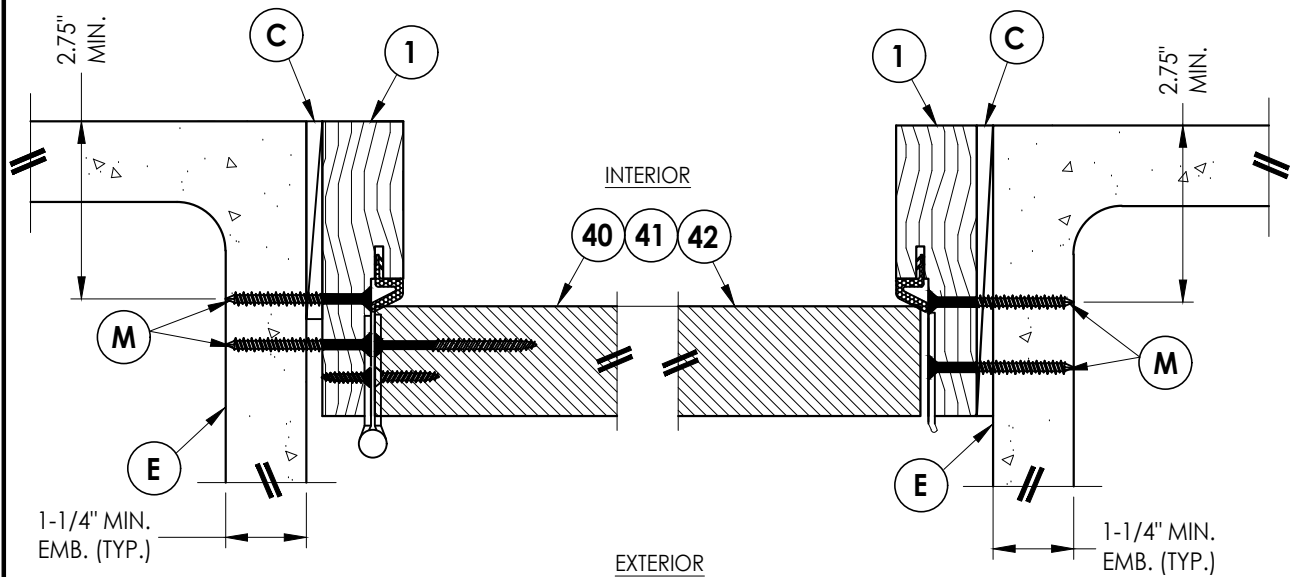


1
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



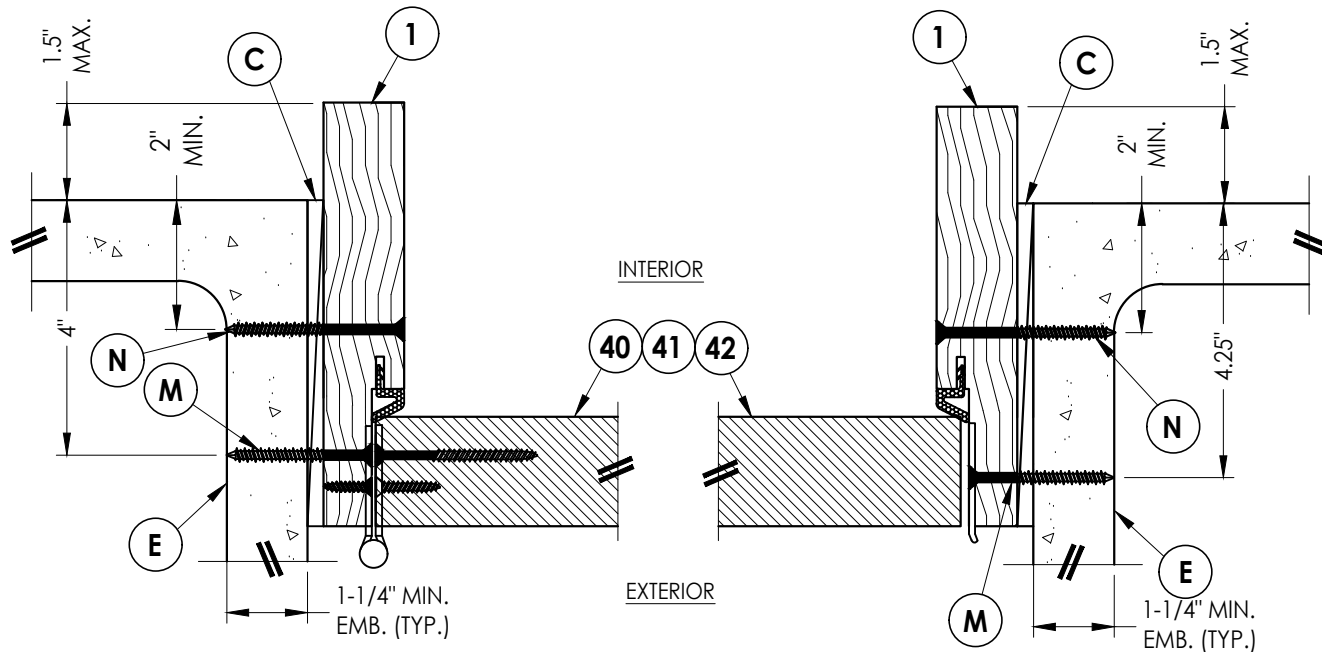
4
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

DIRECT TO MASONRY MAX. DESIGN PRESSURE:
± 55 PSF



2
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

3
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



5
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

6
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

Documents Prepared By:
Lyndon F. Schmidt
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

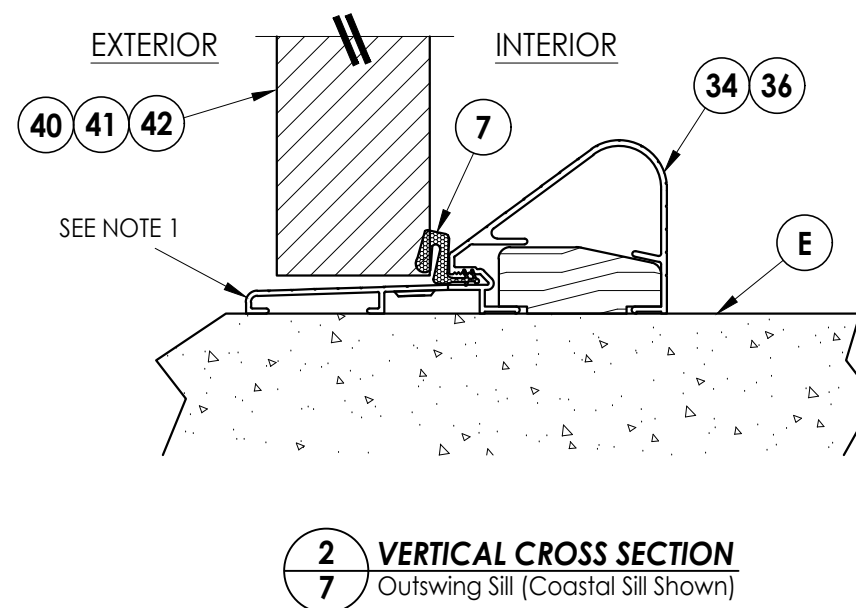
PRODUCT: THERMA-TRU
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS
4	6/16/25	REVISE DIRECT TO MASONRY INST. LFS
3	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS
1	5/20/20	ADD DOOR CUT DOWN OPTION LFS

DATE: 10/01/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-30482.1
SHEET 6 OF 11

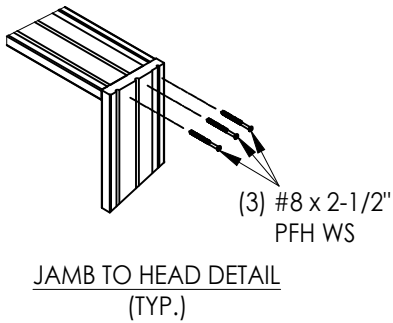
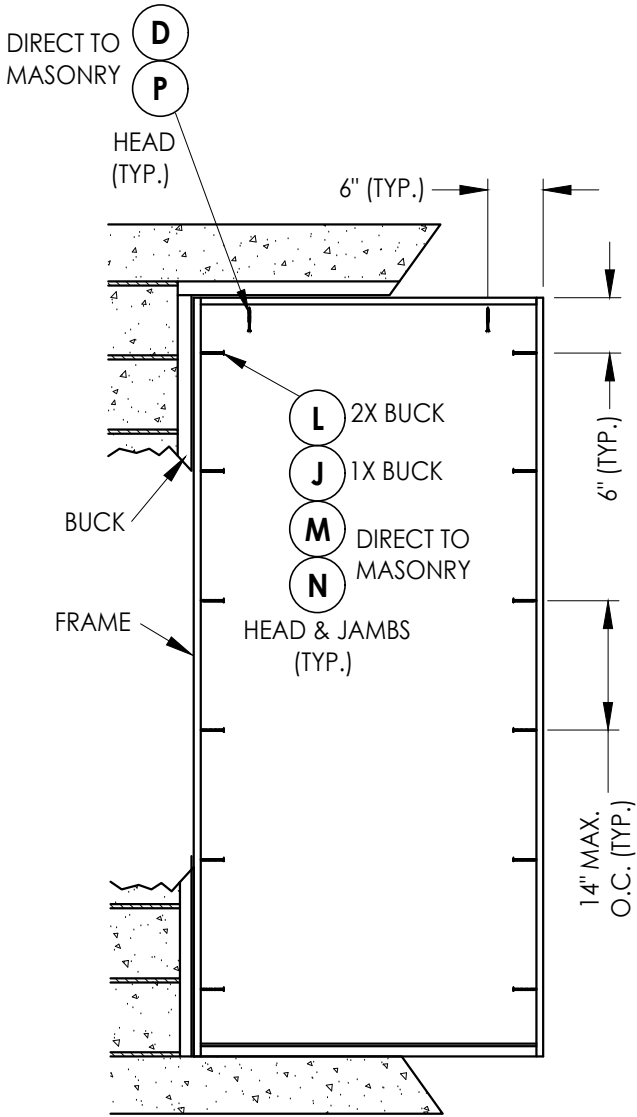
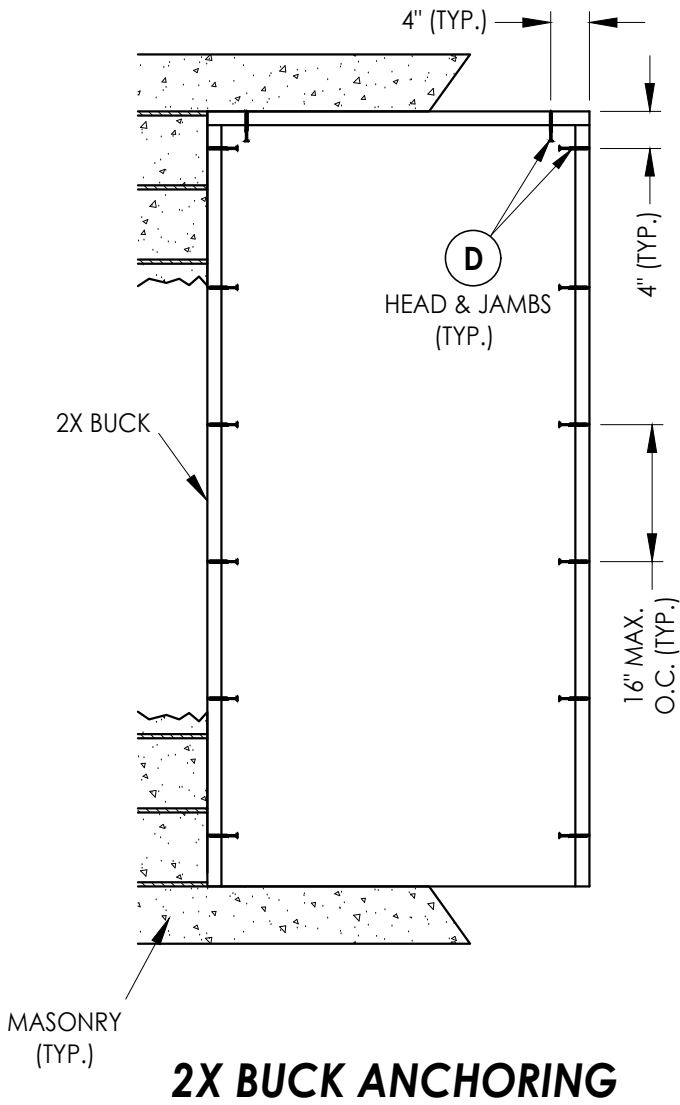
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1. Sill Item #'s 32, 34, 43-48 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 36 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.



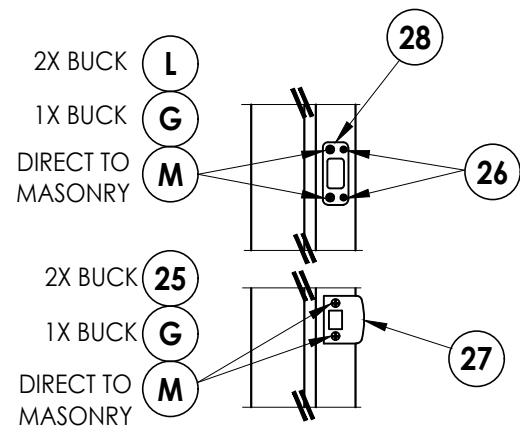
DATE: 10/01/19					
SCALE: N.T.S.					
DWG. BY: RW					
CHK. BY: LFS					
DRAWING NO.: FL-30482.1					
SHEET	7	OF	11		
4	6/16/25	REVISE DIRECT TO MASONRY INST.	LFS		
3	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
1	5/20/20	ADD DOOR CUT DOWN OPTION		LFS	
NO.	DATE				
				REVISIONS	
PRODUCT:					
THERMA-TRU FIBERGLASS DOOR					
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)					
					
BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813					
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409					

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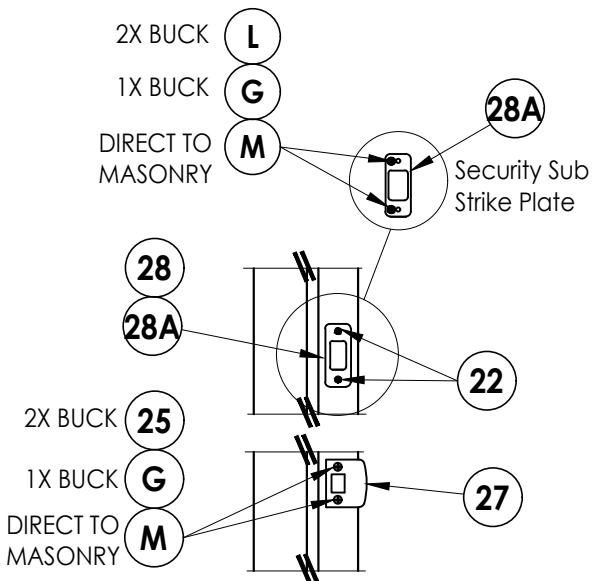
DATE: 10/01/19		PRODUCT: THERMA-TRU FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: BUCK & FRAME ANCHORING		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
DWG. BY: RW		REVISIONS			
CHK. BY: LFS					
DRAWING NO.: FL-30482.1					
SHEET 8 OF 11					

Z:\2023 FBC Drawings\Therma-Tru\FL-30482 R5\FL-30482.1-3.dwg



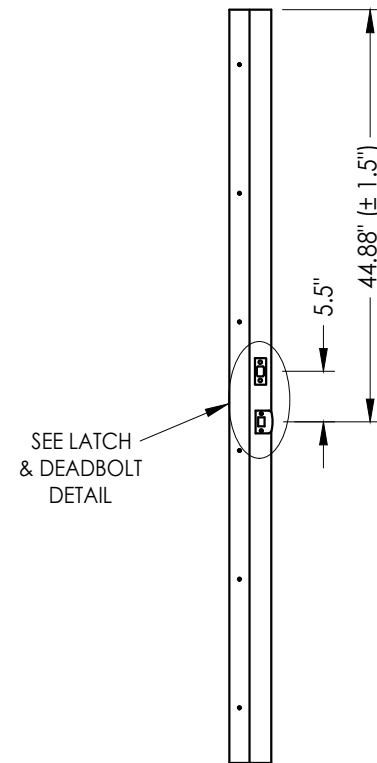
LATCH & DEADBOLT DETAIL

Kwikset



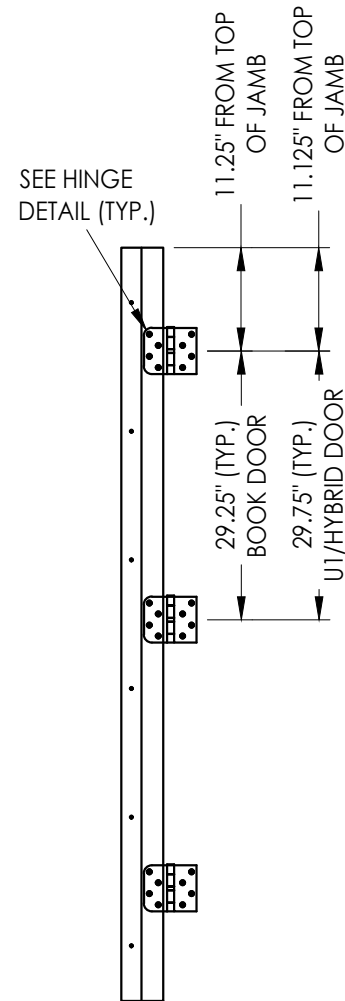
LATCH & DEADBOLT DETAIL

Schlage

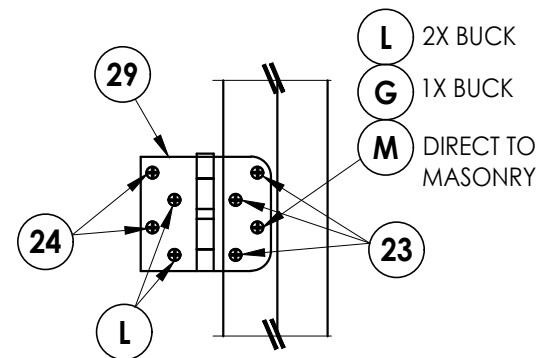


STRIKE JAMB

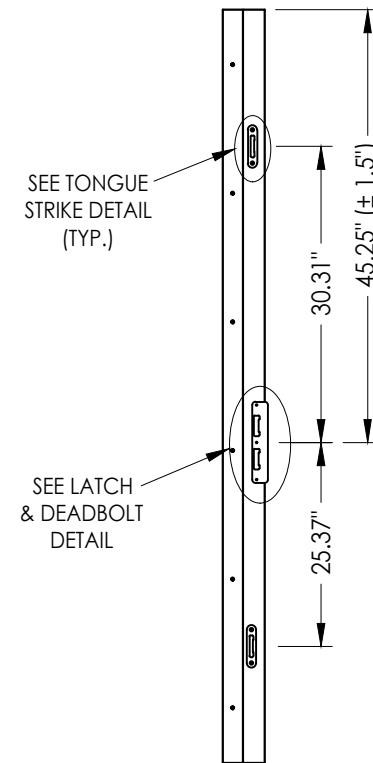
Latch and Deadbolt



HINGE JAMB

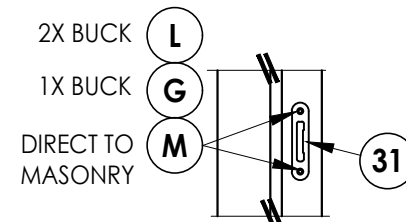


HINGE DETAIL



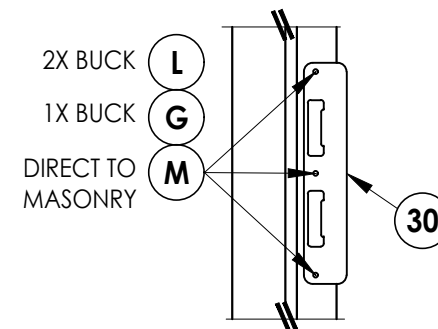
STRIKE JAMB

Multipoint Lock



TONGUE STRIKE DETAIL

Multipoint Lock



LATCH & DEADBOLT DETAIL

Multipoint Lock

LATCH & DEADBOLT STRIKE DETAILS

MULTIPOINT LOCK STRIKE DETAILS

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HARDWARE DETAILS

NO.	DATE	REVISIONS			
		REVISE	DIRECT TO MASONRY	INST.	LFS
4	6/16/25	REVISE	DIRECT TO MASONRY	INST.	LFS
3	7/27/23	UPDATE	TO 8TH ED. (2023)	FBC	LFS
2	7/23/20	UPDATE	TO 7TH ED (2020)	FBC	LFS
1	5/20/20	ADD	DOOR CUT DOWN OPTION		LFS
				BY	

DATE: 10/01/19

SCALE: N.T.S.

DWG. BY: RW

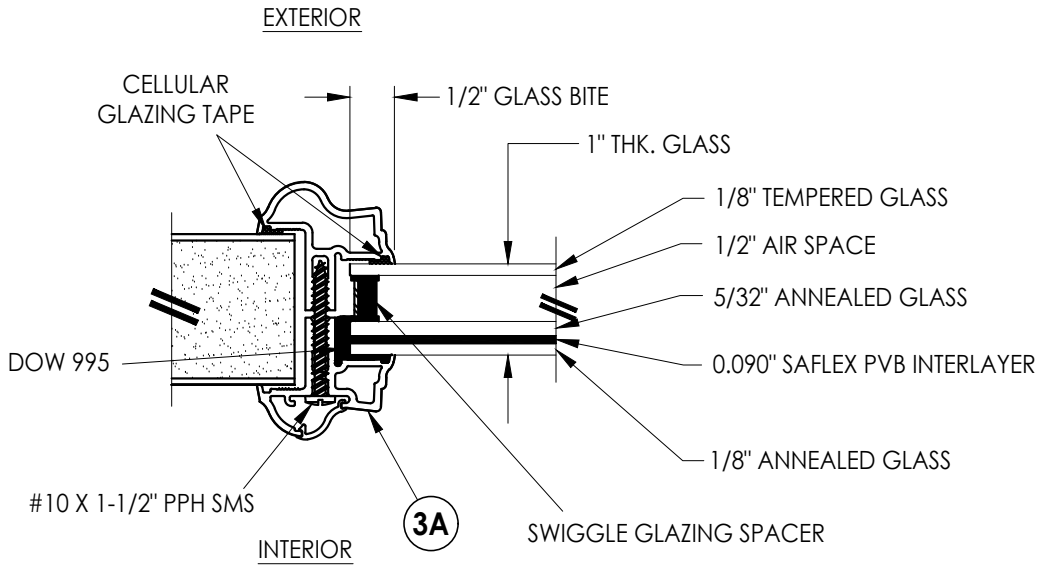
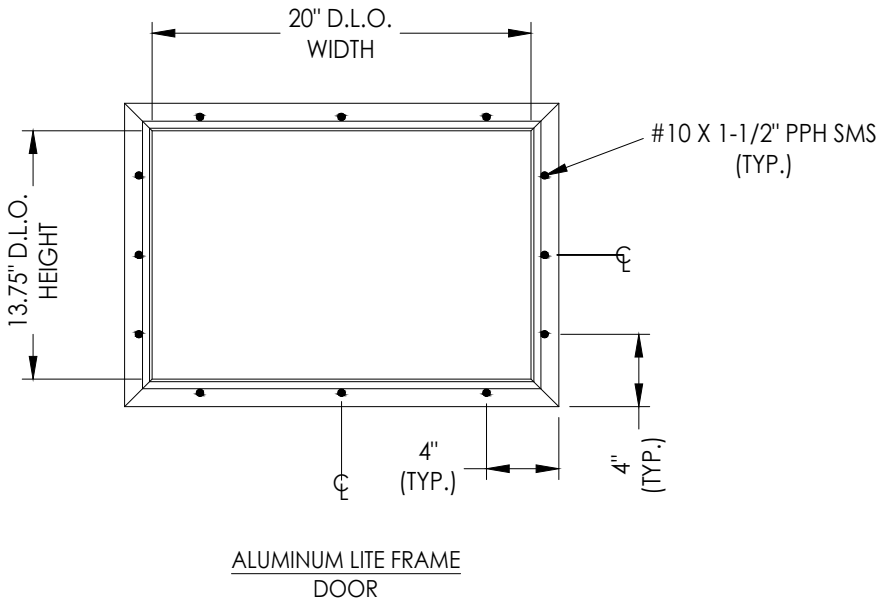
CHK. BY: LFS

DRAWING NO.: FL-30482.1

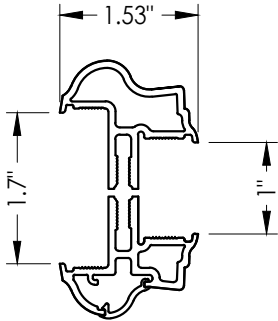
SHEET 9 OF 11

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G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels



3A ALUMINUM FRAME
Aluminum Impact Lite Frame
Door Panels

DATE: 10/01/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30482.1

SHEET 10 OF 11

PRODUCT:

THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

GLAZING DETAILS

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

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