

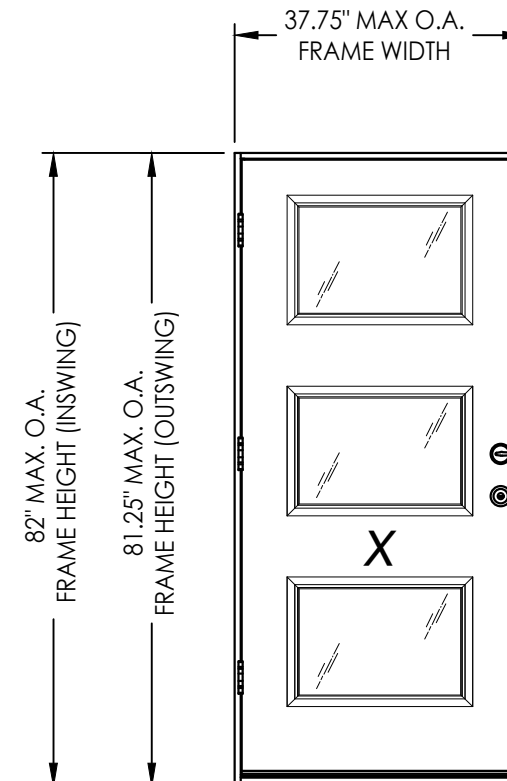


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CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	+60.0	-65.0	+60.0	-60.0

2754



The seal is circular with a double-lined border. The outer ring contains the text "L. F. SCHMIDT" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "LICENSE" at the top, "No. 43409" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars. The seal is stamped in black ink on a white background.

Digitally signed by
Lyndon F Schmidt
Date: 2026.08.10
09:34:13 -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

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

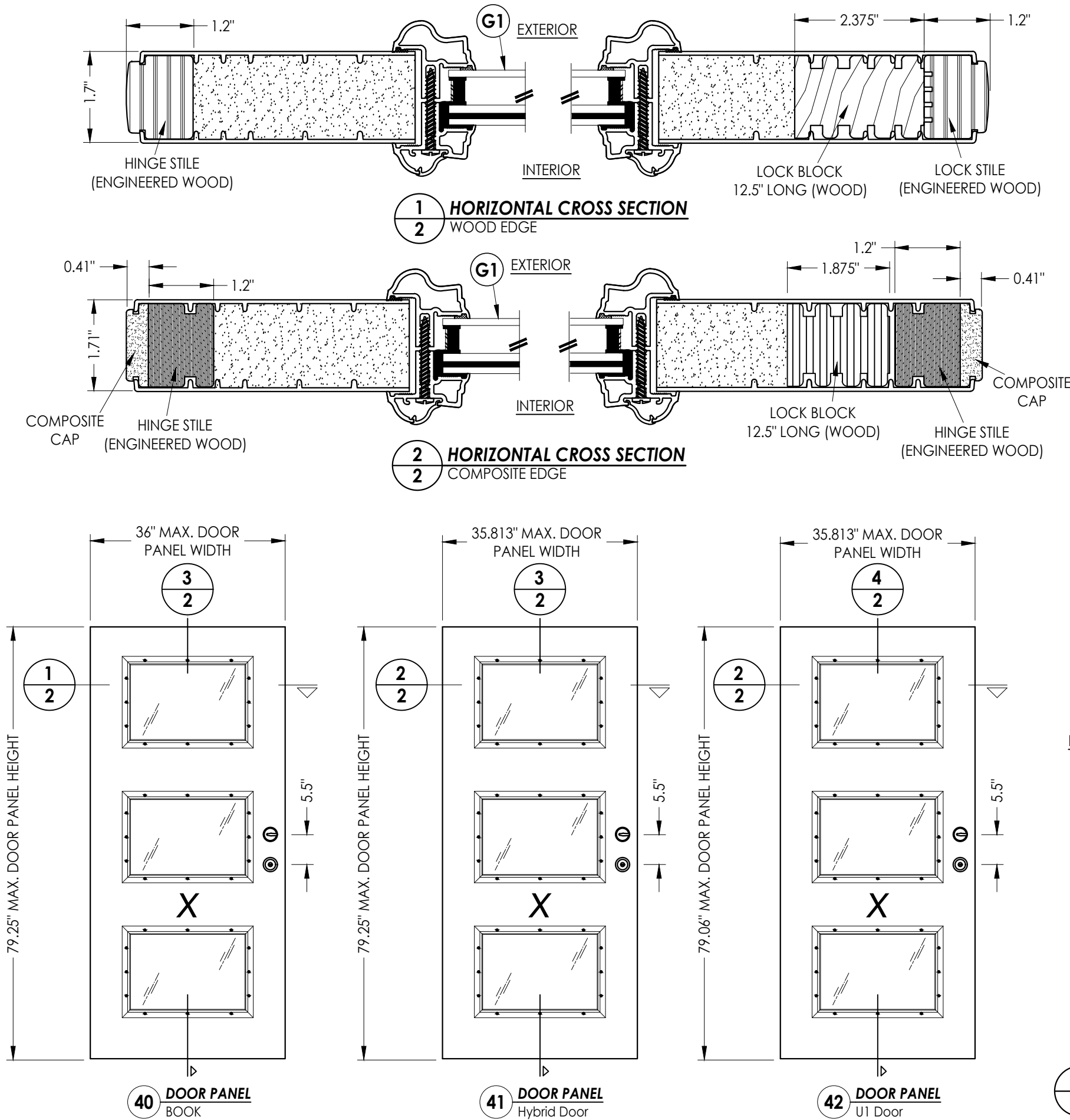
PRODUCT: THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

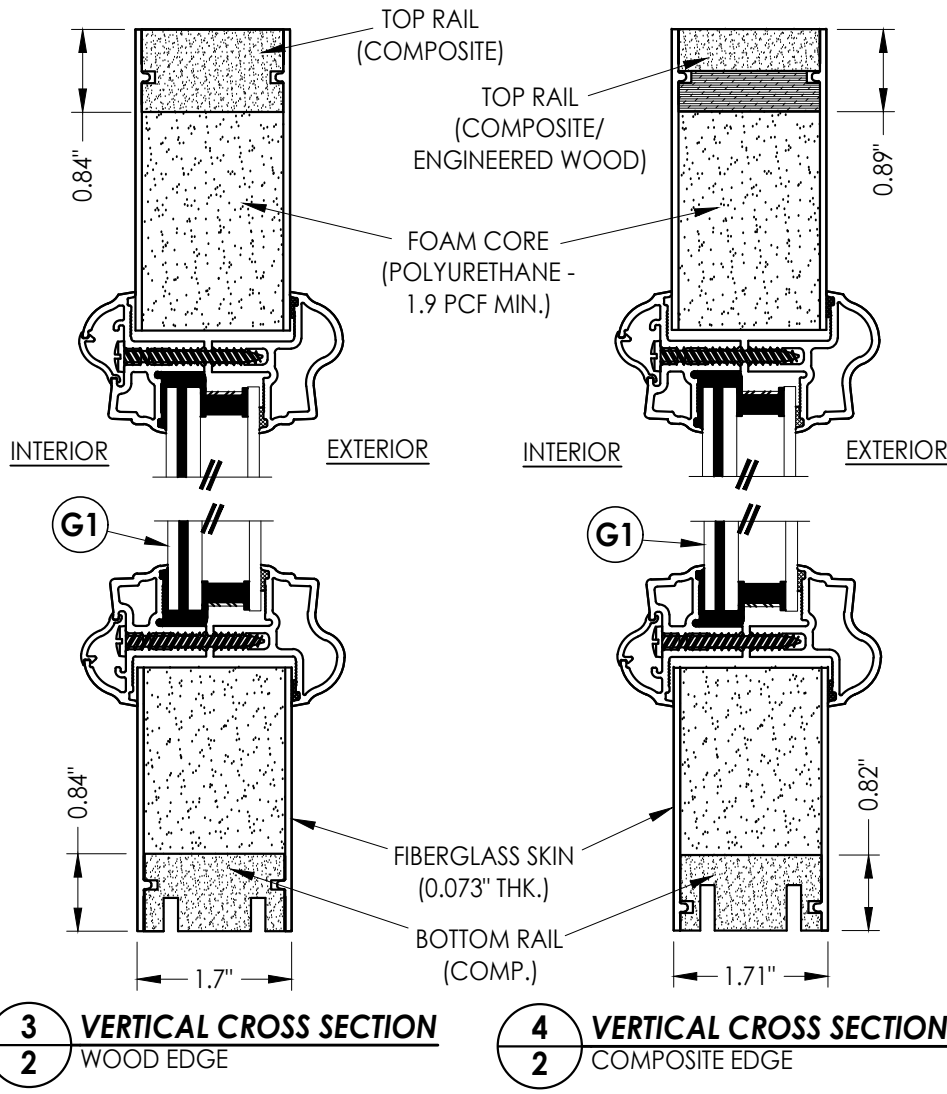
[illegible]

DATE:	2/06/20
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30482.4
SHEET	1 OF 11

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NOTE: BOOK, HYBRID & U1 DOORS
MAY EACH BE FABRICATED AS WOOD
OR COMPOSITE EDGE DOORS.



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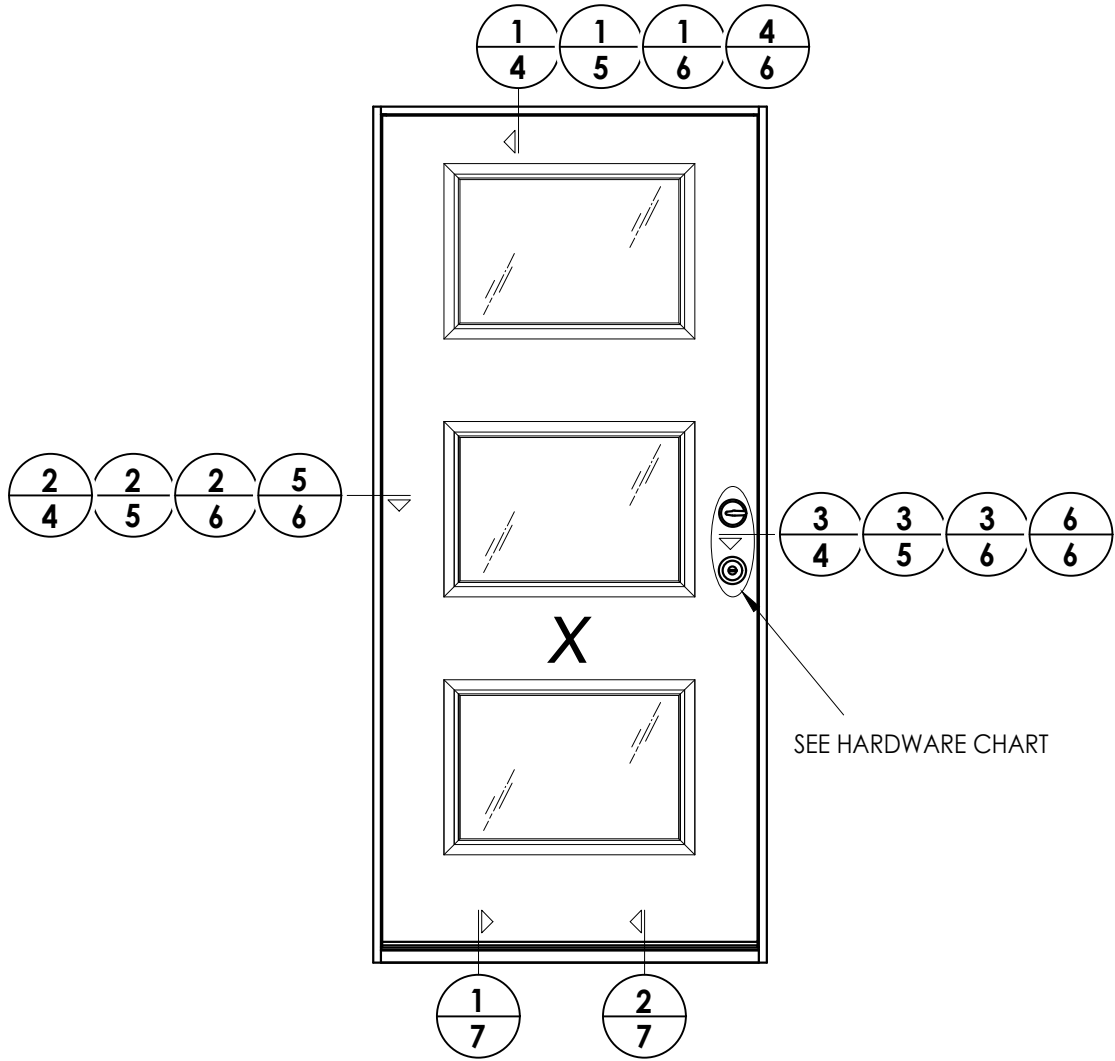
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

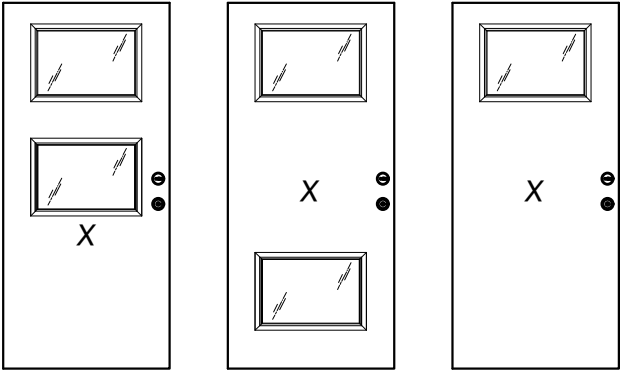
NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS

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CHK. BY: LFS
DRAWING NO.: FL-30482.4
SHEET 2 OF 11

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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: 2/06/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30482.4

SHEET 3 OF 11

REVISIONS

NO.	DATE	
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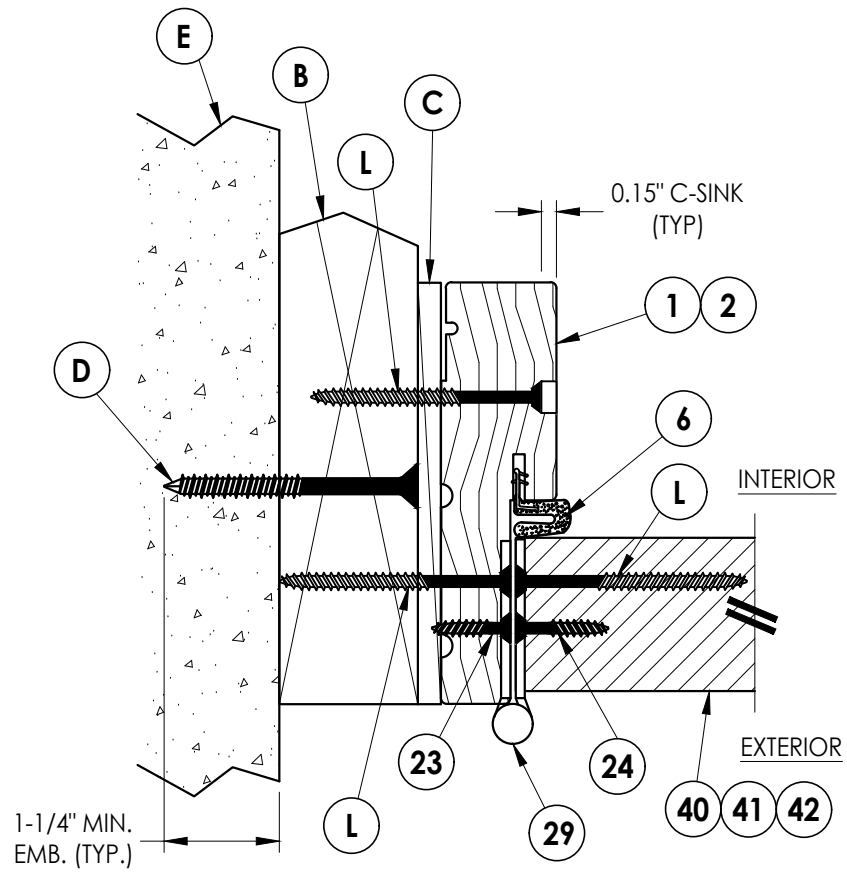
PRODUCT: THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

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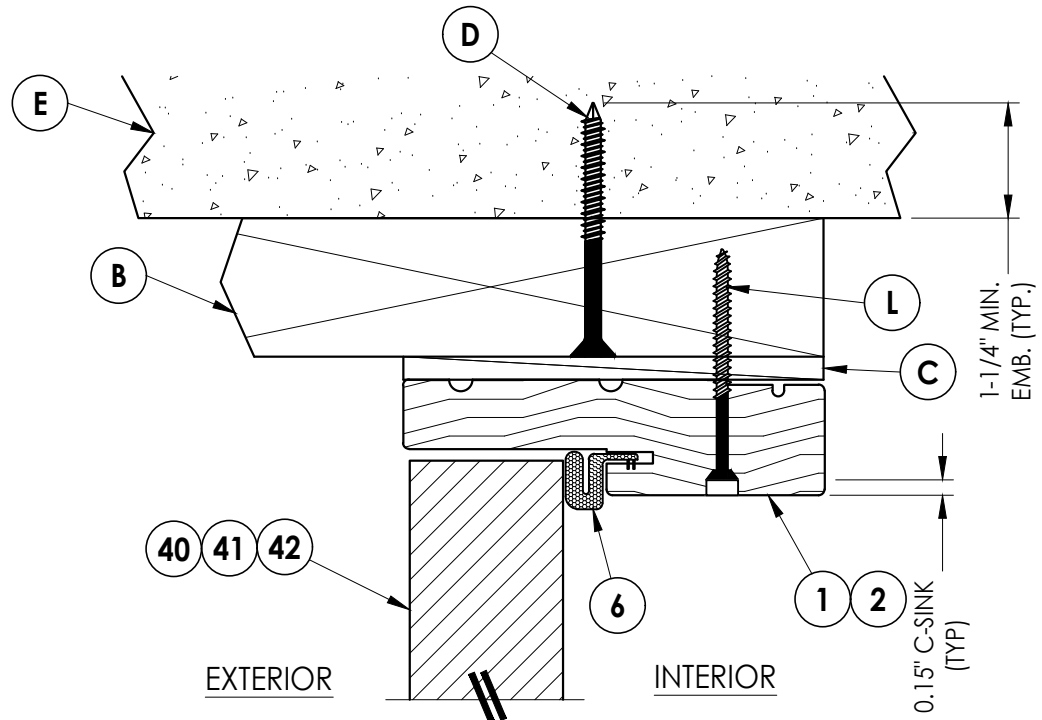
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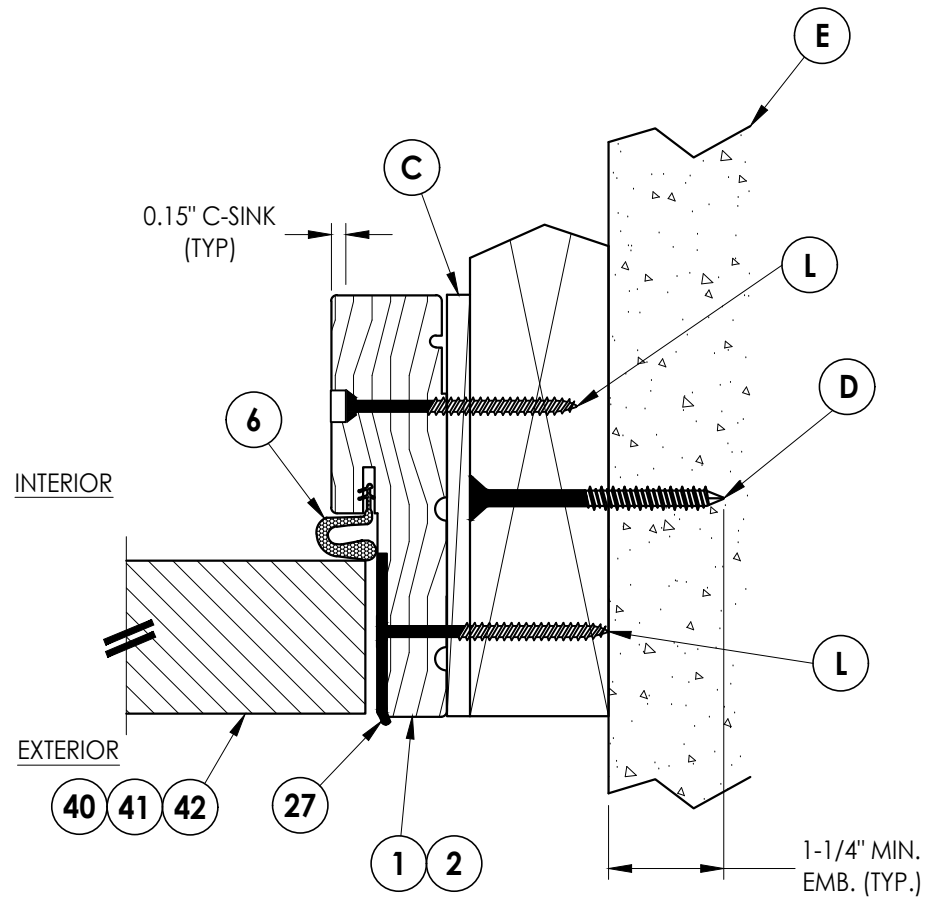


2 HORIZONTAL CROSS SECTION

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**

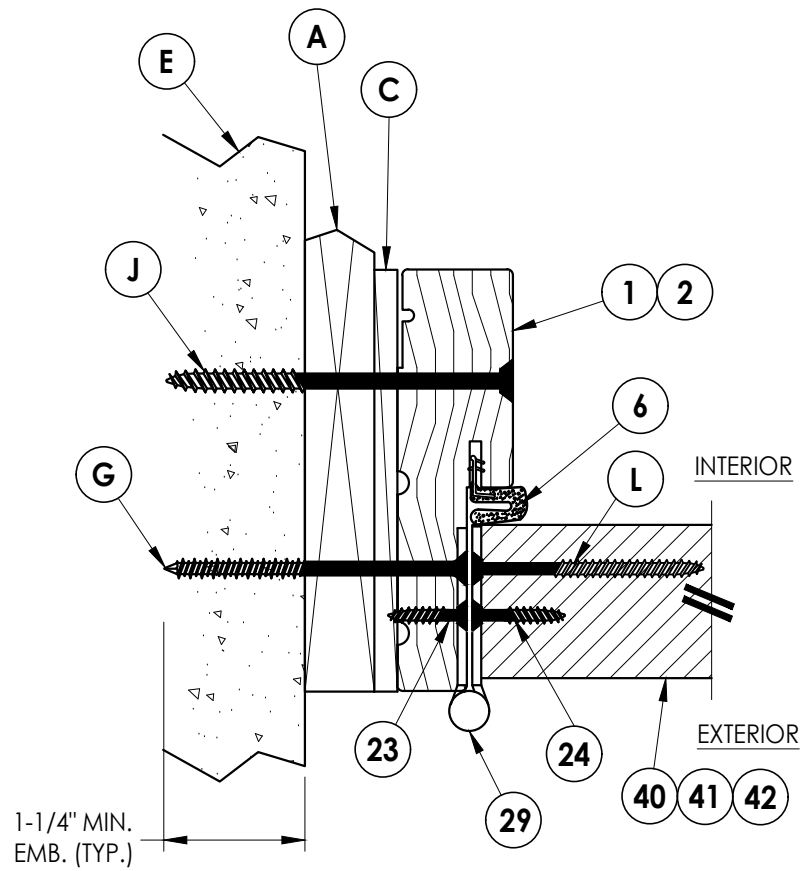
4 Shown w/ 2X Buck
Outswing shown (Inswing similar)

[illegible]

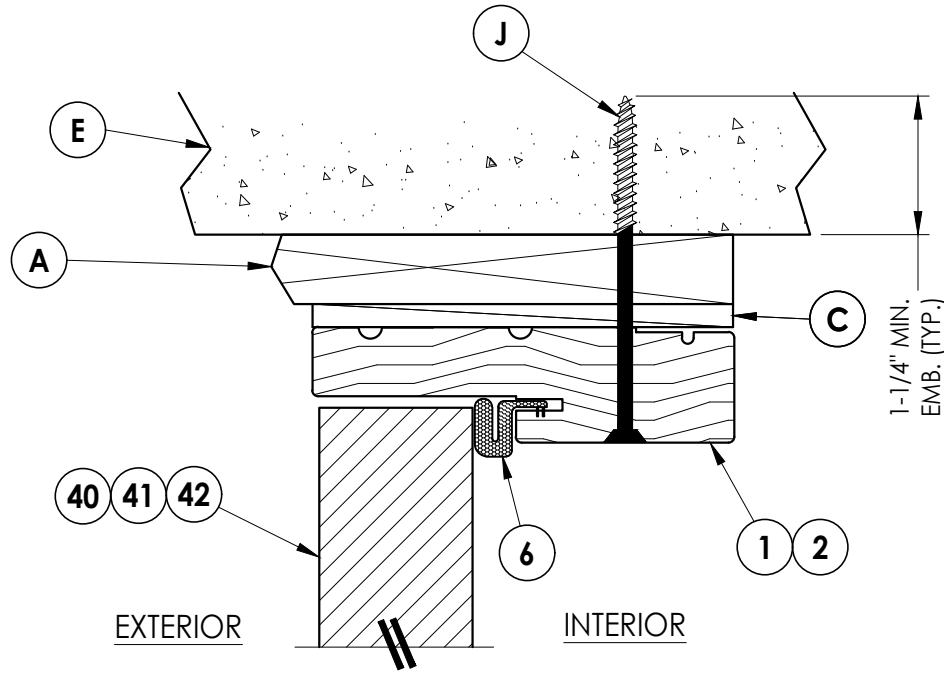
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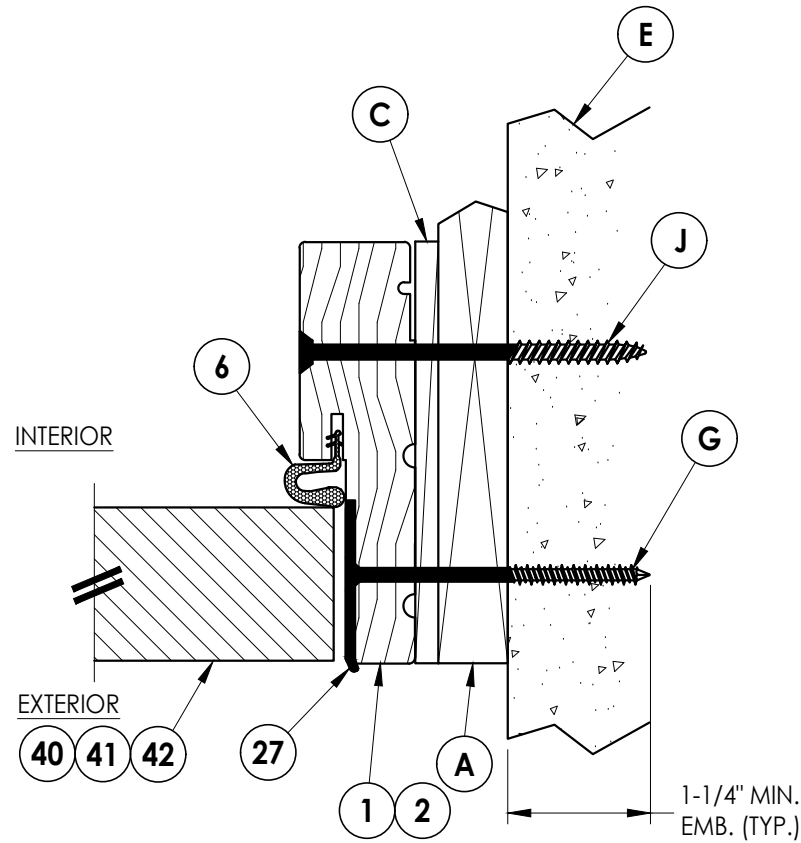
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2 HORIZONTAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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			
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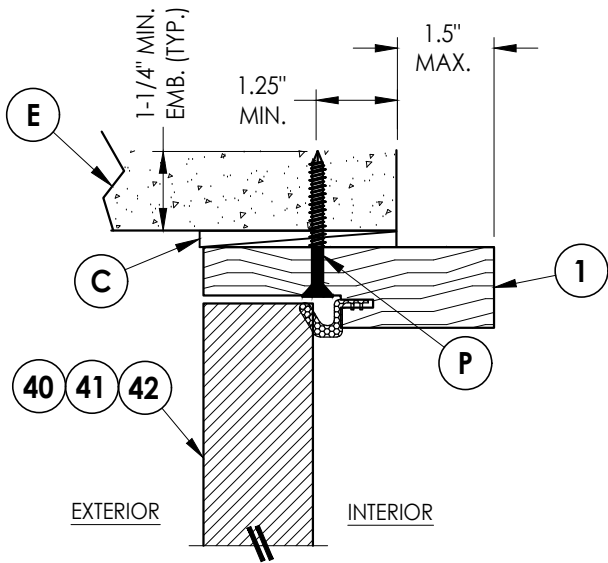
DATE: 2/06/20
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-30482.4
SHEET 5 OF 11

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

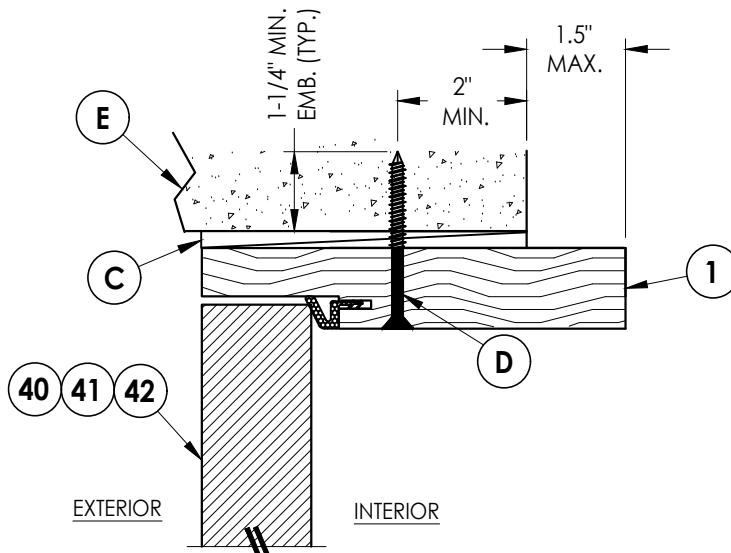
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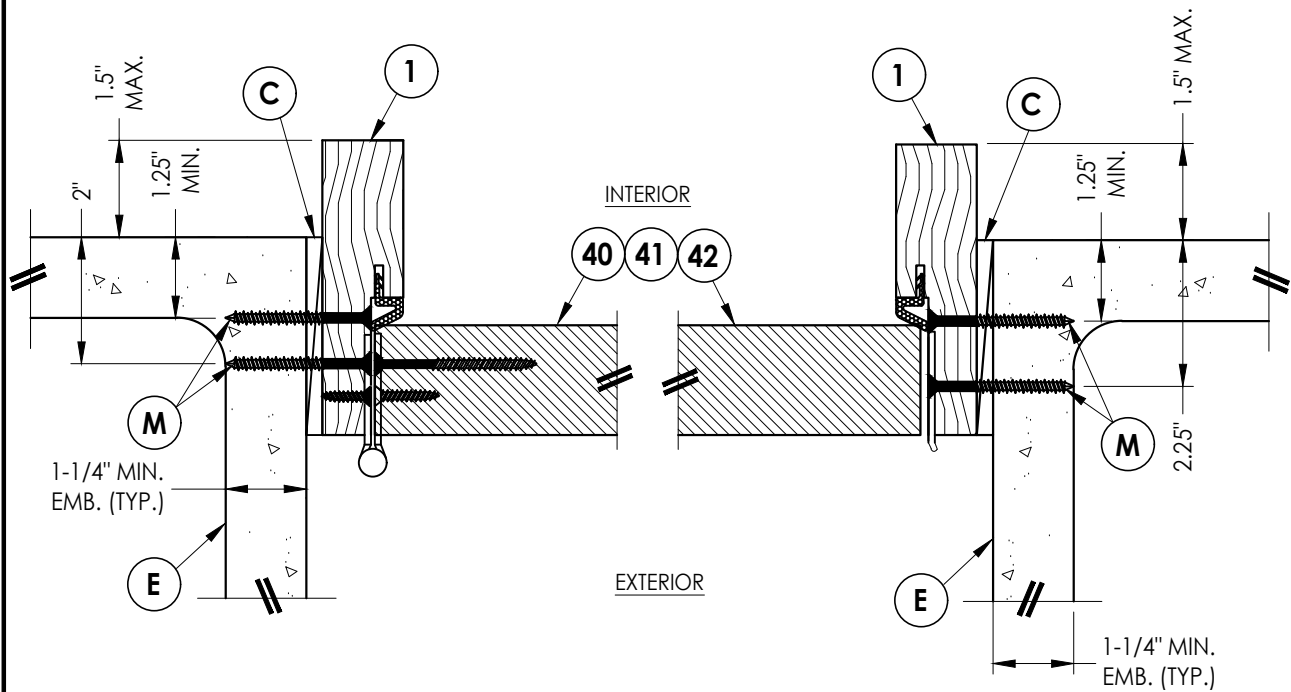


1
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

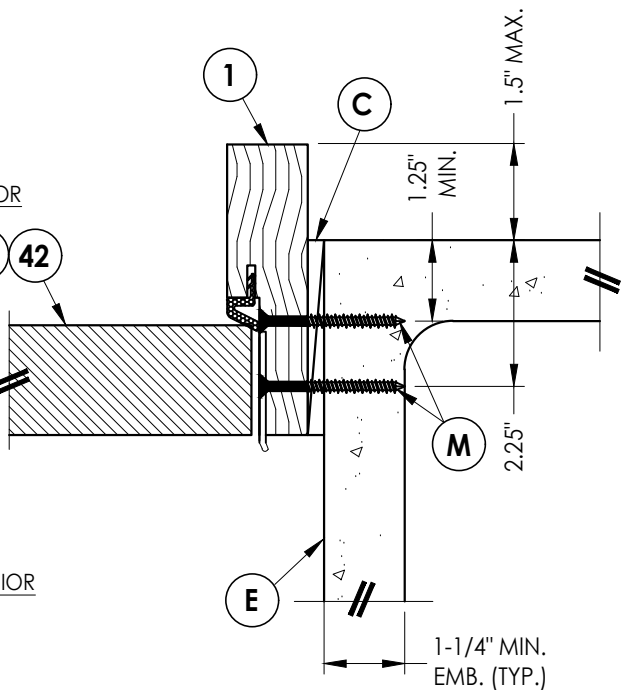


4
6 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

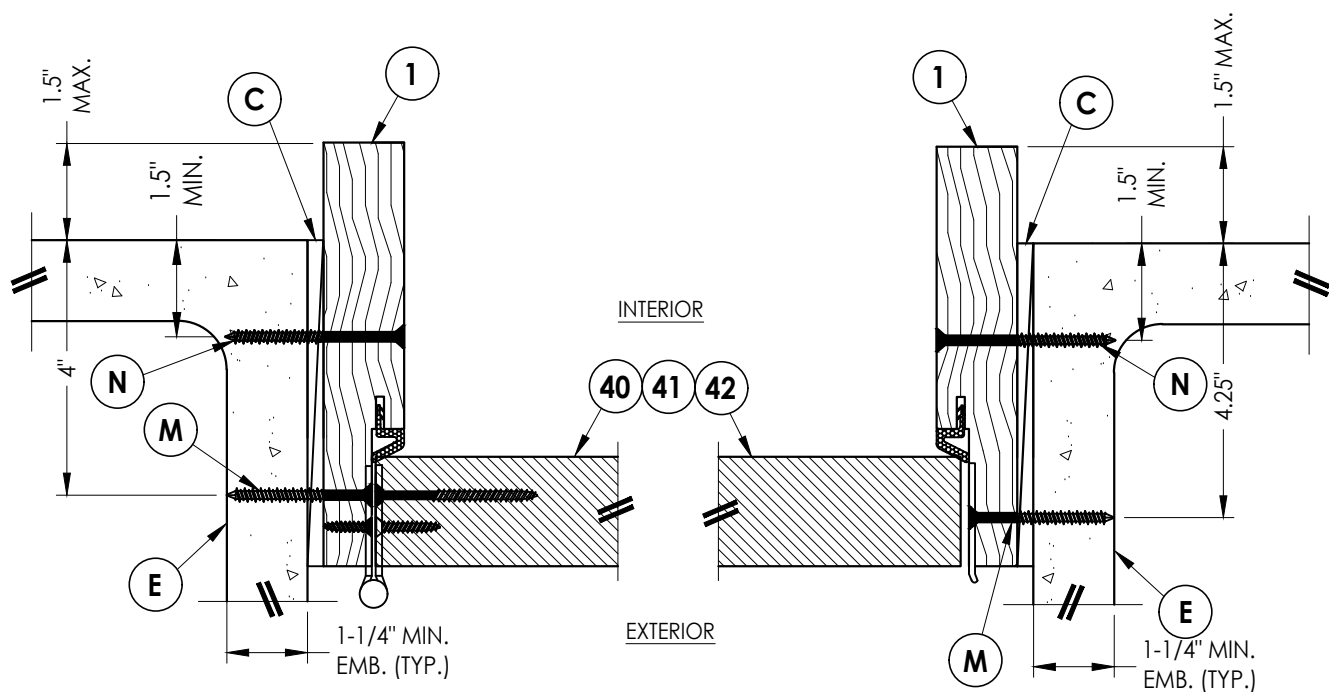
DIRECT TO MASONRY MAX. DESIGN PRESSURE:
± 55 PSF



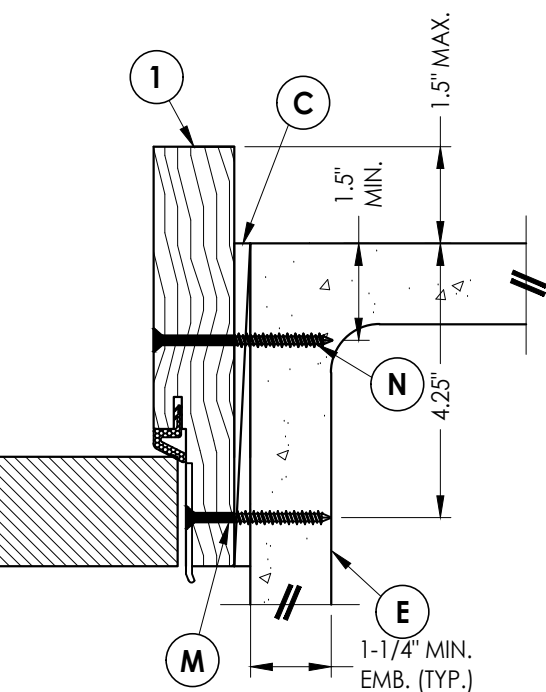
2
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



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

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 2/06/20

SCALE: N.T.S.

DWG. BY: RW

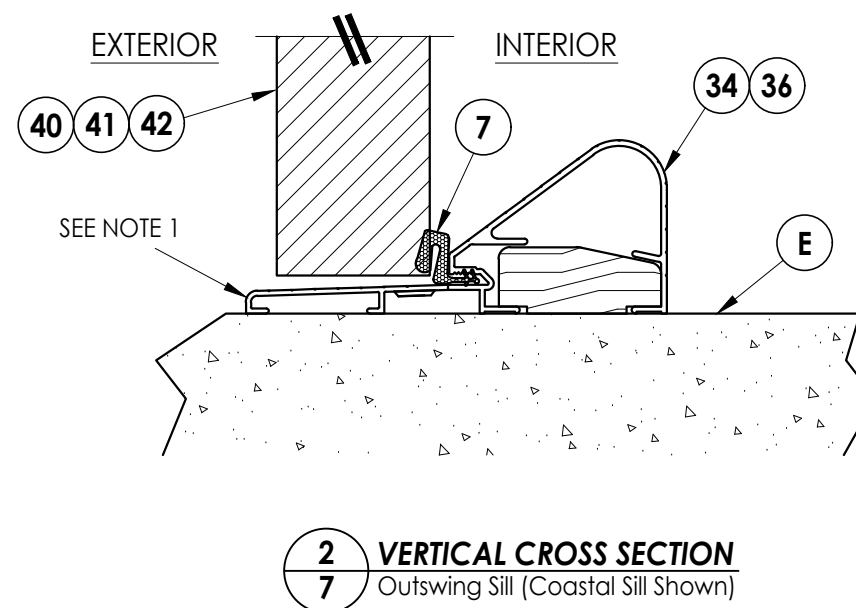
CHK. BY: LFS

DRAWING NO.:

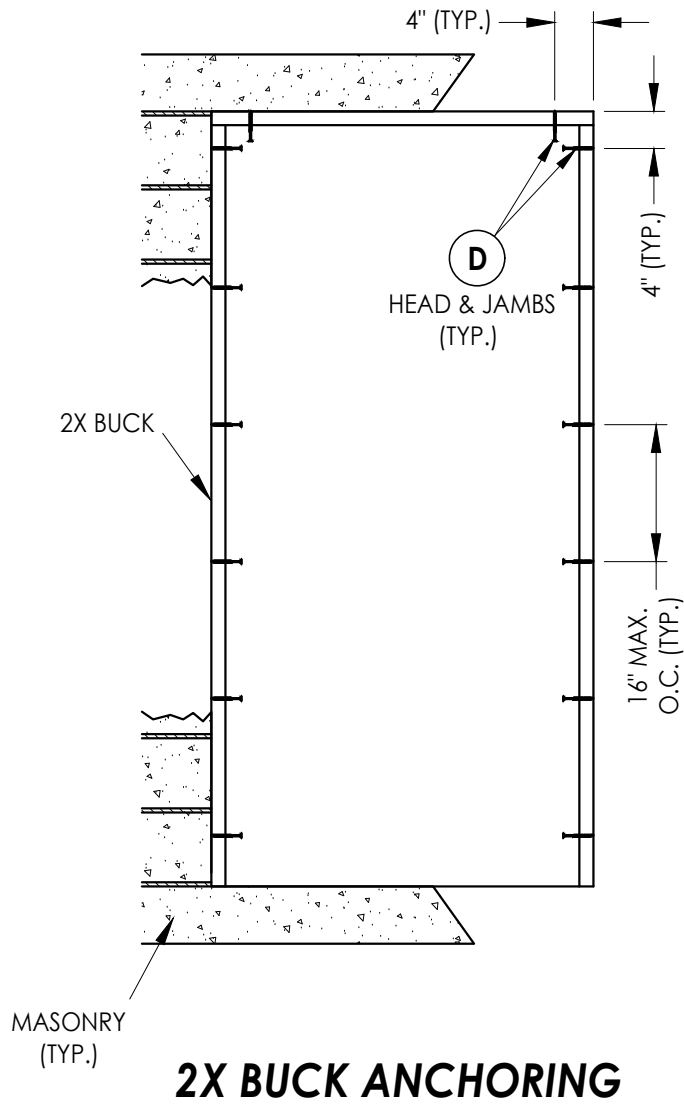
FL-30482.4

SHEET 6 OF 11

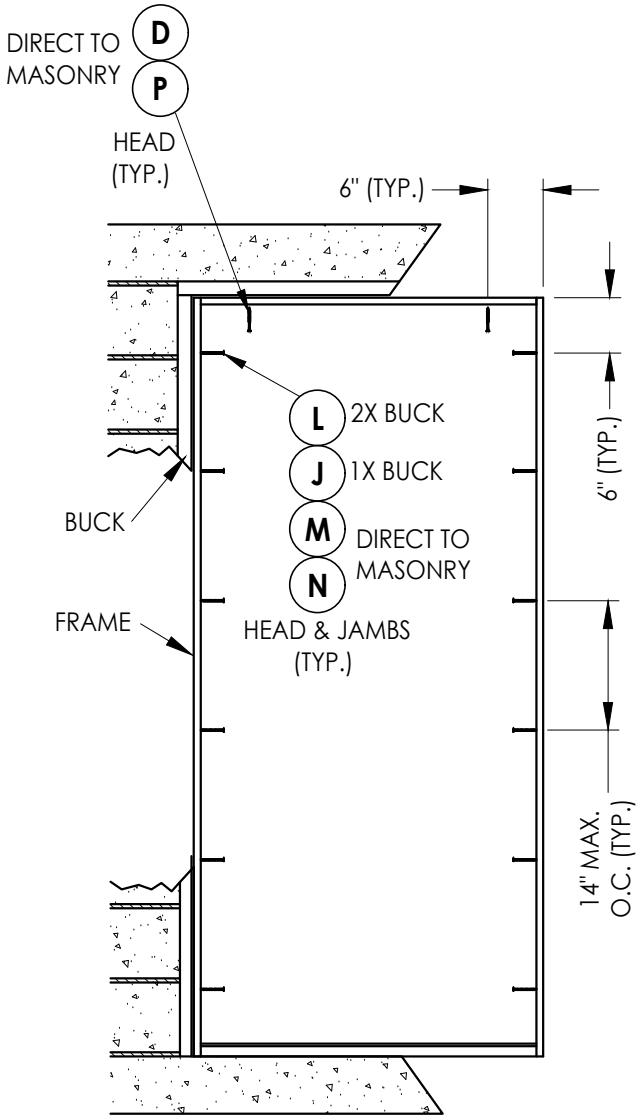
1. Sill Item #'s 32, 34, 43-48 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 36 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.

[illegible]

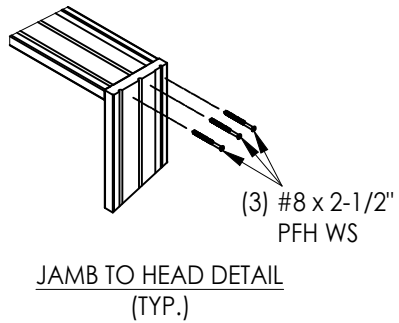
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2X BUCK ANCHORING



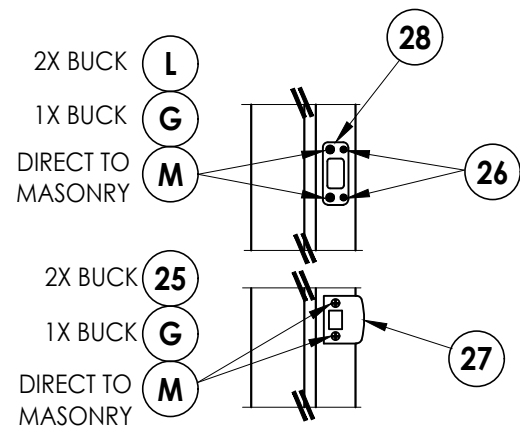
FRAME ANCHORING



JAMB TO HEAD DETAIL
(TYP.)

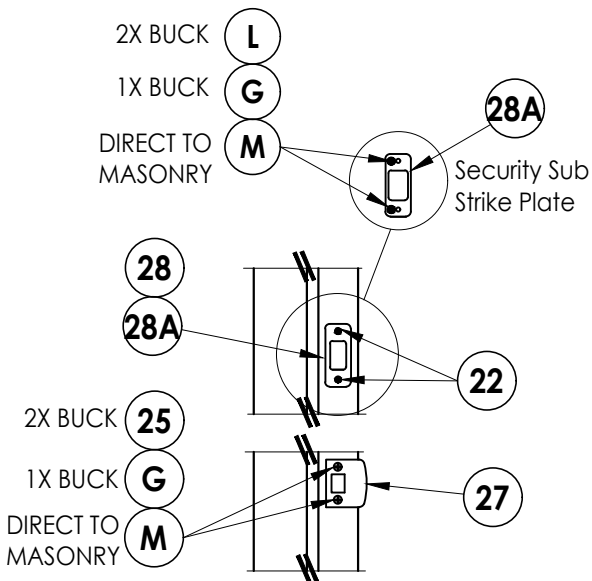
DATE: 2/06/20		SHEET 8 OF 11		DRAWING NO.: FL-30482.4		CHK. BY: LFS		DWG. BY: RW		SCALE: N.T.S.		REVISIONS		PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: BUCK & FRAME ANCHORING		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		RWBUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
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2	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS																	
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS																	
NO.	DATE			BY																	

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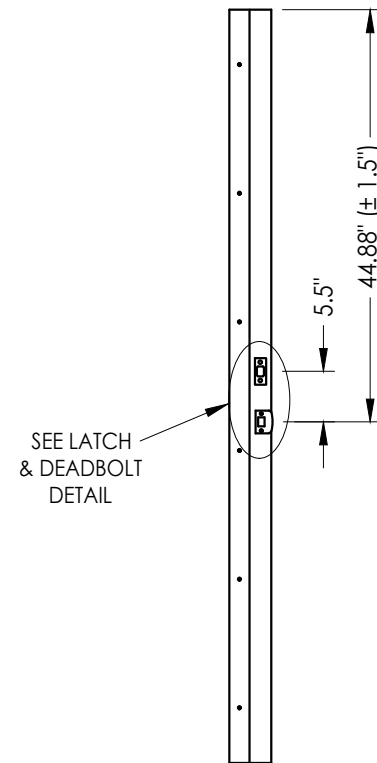
LATCH & DEADBOLT DETAIL

Kwikset



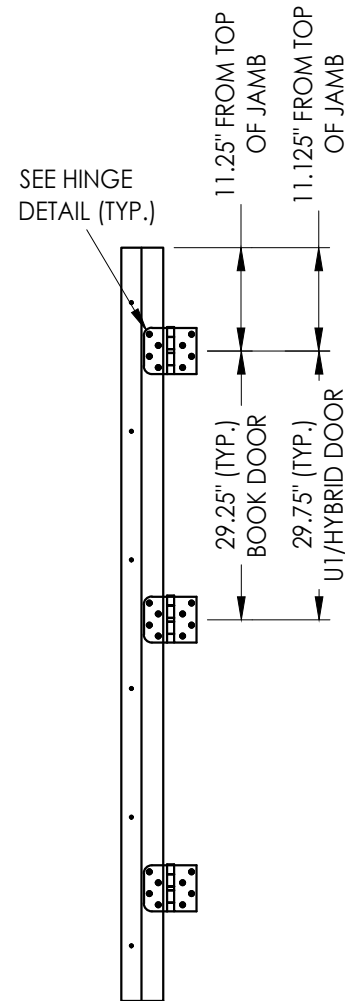
LATCH & DEADBOLT DETAIL

Schlage

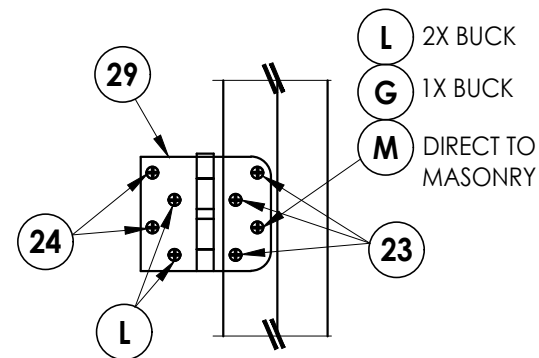


STRIKE JAMB

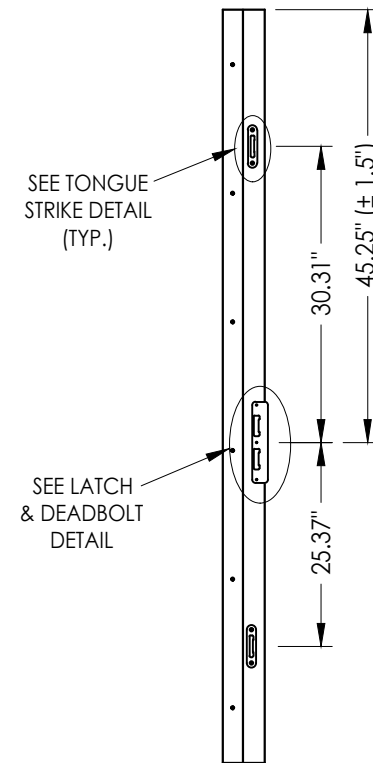
Latch and Deadbolt



HINGE JAMB

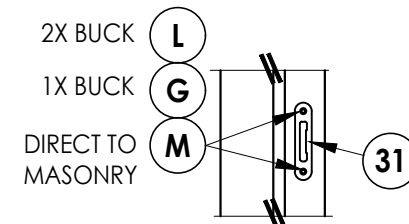


HINGE DETAIL



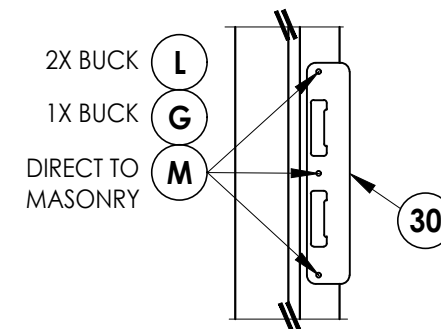
STRIKE JAMB

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

REVISIONS			
NO.	DATE	BY	
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
2	7/27/23	UPDATE TO 8TH ED. (2023)	FBC LFS
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DATE: 2/06/20

SCALE: N.T.S.

DWG. BY: RW

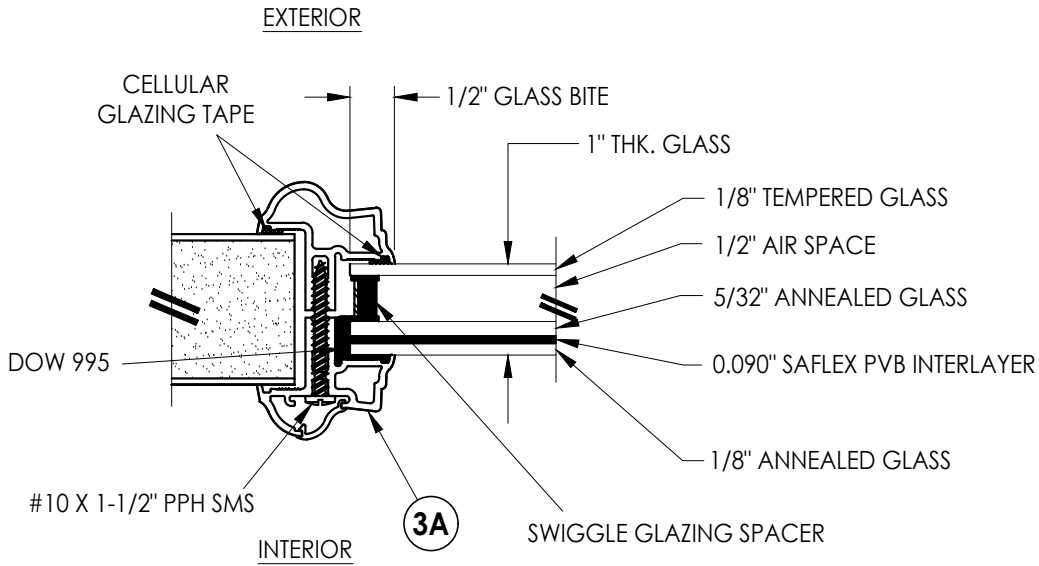
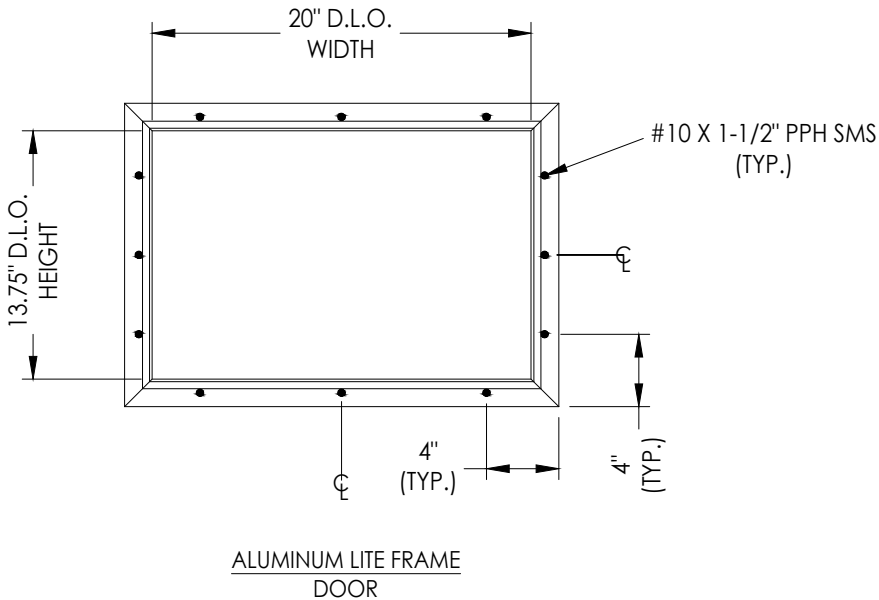
CHK. BY: LFS

DRAWING NO.:

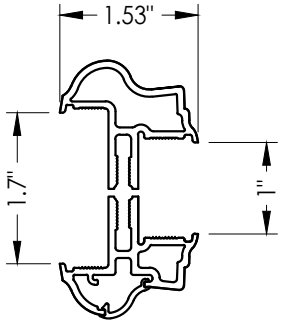
FL-30482.4

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: 2/06/20	
SCALE: N.T.S.	
DWG. BY: RW	
CHK. BY: LFS	
DRAWING NO.: FL-30482.4	
SHEET 10	OF 11

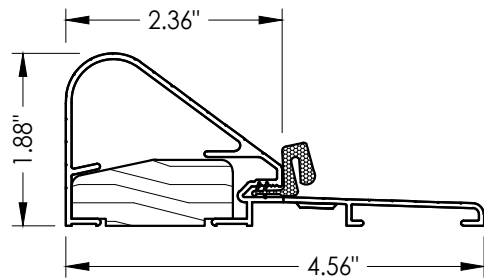
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1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS

PRODUCT:	THERMA-TRU FIBERGLASS DOOR
	PART OR ASSEMBLY: GLAZING DETAILS

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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
G	3/16" X 3-1/4" PFH ITW CONCRETE 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 (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-3/4" PFH ELCO CONCRETE SCREW	STEEL
1	JAMB (FINGER JOINT PINE)	WOOD
2	JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
22	#8 X 3/4" PFH WOOD SCREW	STEEL
23	#9 X 3/4" PFH WOOD SCREW	STEEL
24	#9 X 1" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL

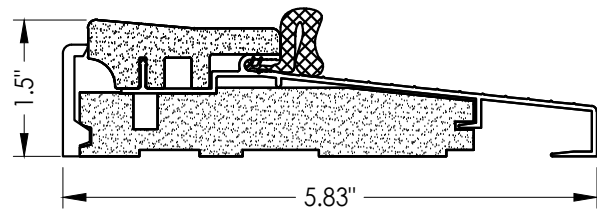
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
26	#8 X 5/8" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
28A	DEADBOLT SUB-STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
30	LATCH & DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	STEEL
31	MULTIPOINT STRIKE PLATE (TONGUE SYSTEM)	STEEL
32	INSWING THRESHOLD	ALUM/COMP
34	OUTSWING THRESHOLD	ALUM/COMP
36	COASTAL OUTSWING THRESHOLD	ALUM/WOOD
40	DOOR PANEL (BOOK)	-
41	DOOR PANEL (HYBRID)	-
42	DOOR PANEL (U1)	-
43	INSWING THRESHOLD	ALUM/COMP
44	INSWING THRESHOLD	ALUM/COMP
45	INSWING THRESHOLD	ALUM/COMP
46	INSWING THRESHOLD	ALUM/COMP
47	INSWING THRESHOLD	ALUM/COMP
48	INSWING THRESHOLD	ALUM/COMP



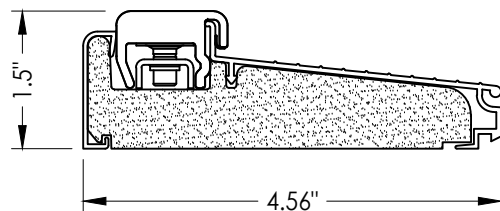
36 COASTAL OUTSWING THRESHOLD

Wood / Aluminum Sill

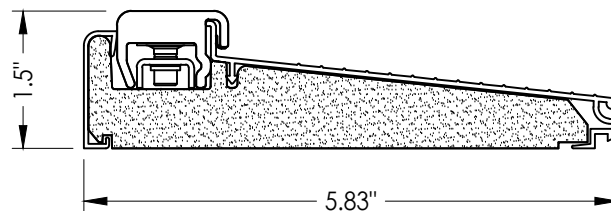
CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



34 **OUTSWING THRESHOLD**

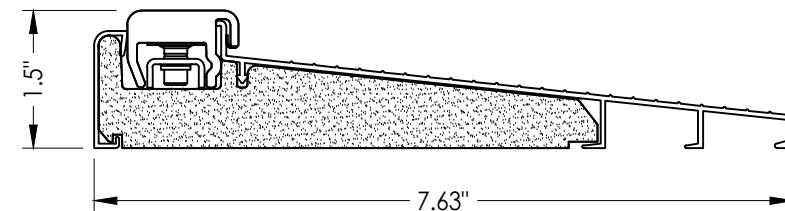


43 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill
Book, Hybrid

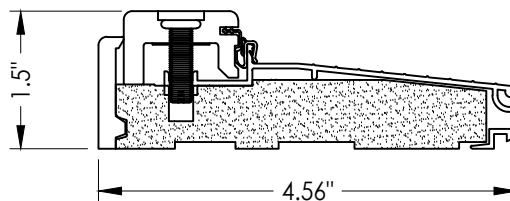


44 **INSWING THRESHOLD**

Inswing Composite Adjustable Sill Book, Hybrid

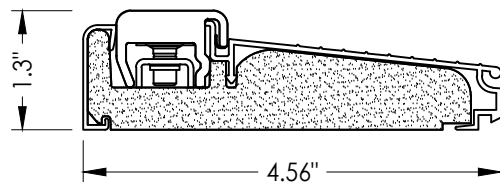


45 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill
Book, Hybrid

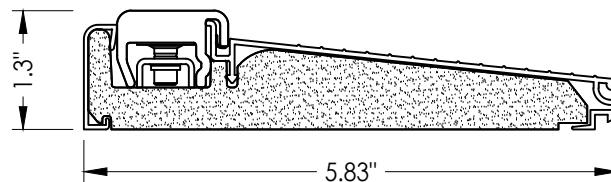


32 INSWING THRESHOLD

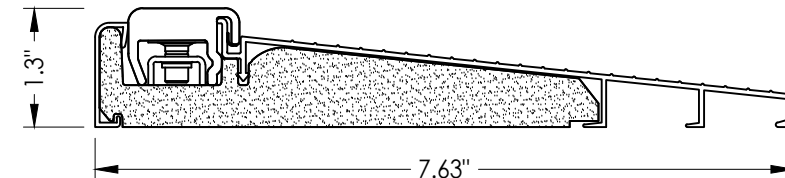
Adjustable Composite Sill



46 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill
U1



47 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill
U1



48 **INSWING THRESHOLD**
Inswing Composite Adjustable Sill
U1

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®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3" or AS SHOWN	1-1/2"

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.

Documents Prepared By: **RW** BUILDING CONSULTANTS, INC.
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Florida Board of Professional Engineers
Certificate Of Authorization No. 9813

THERMA-TRU
FIBERGLASS DOOR

FOR ASSEMBLY:
BILL OF MATERIALS

3	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC LFS
2	7/27/23	UPDATE TO 8TH ED.	(2023)	FBC LFS
1	7/23/20	UPDATE TO 7TH ED.	(2020)	FBC LFS
NO.	DATE			BY

DATE: 2/06/20

SCALE: N.T.S.

DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:
FL-30482.4

SHEET 11 OF 11