

THERMA-TRU®
DOORS

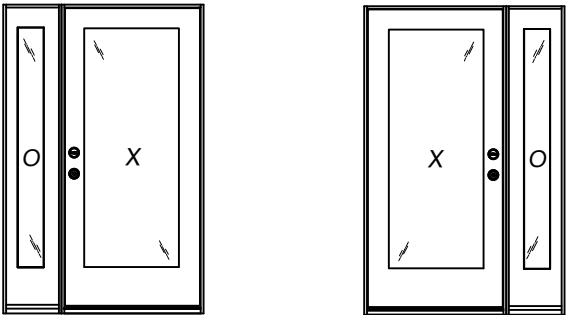
Classic-Craft®

"SHAKER"
GLAZED FIBERGLASS SINGLE DOOR
w/ SIDELITE(S)
INSWING/OUTSWING
"NON-IMPACT"

GENERAL NOTES

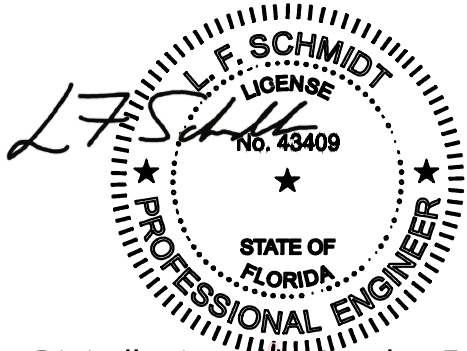
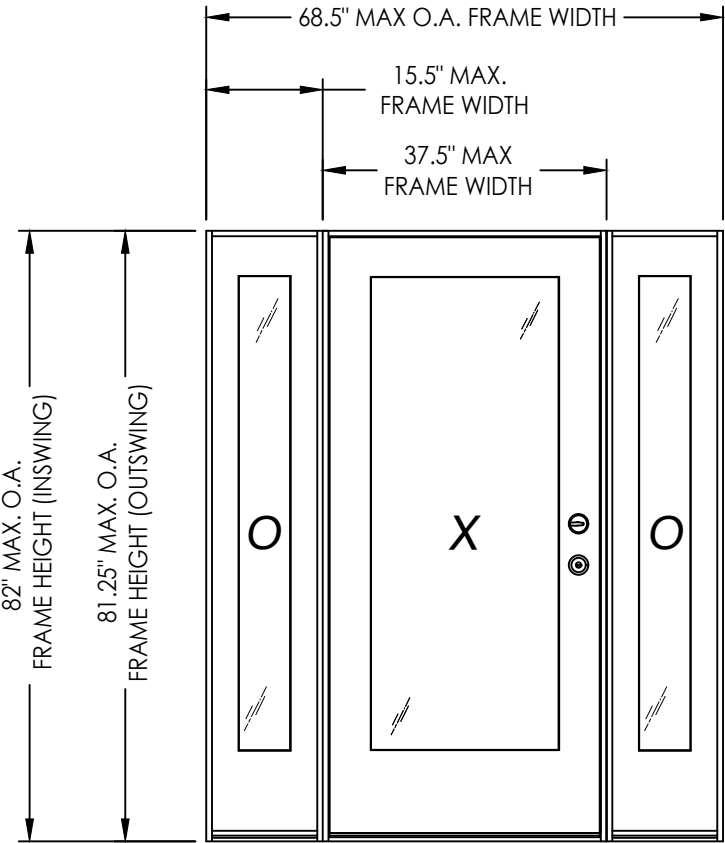
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
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3	Sidelite Panel Details
4	Elevations
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6	Vertical Cross Sections (2X Buck)
7	Horizontal & Vertical Cross Sections (1X Buck)
8	Vertical Cross Sections (Thresholds)
9	Buck Anchoring
10	Frame Anchoring
11	Hardware Details
12	Bill of Materials and components



OX

XO



Digitally signed by Lyndon F Schmidt

Date: 2026.08.08 15:38:04 -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

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC
1	7/15/20	UPDATE TO 7th ED (2020) FBC

DATE: 2/05/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

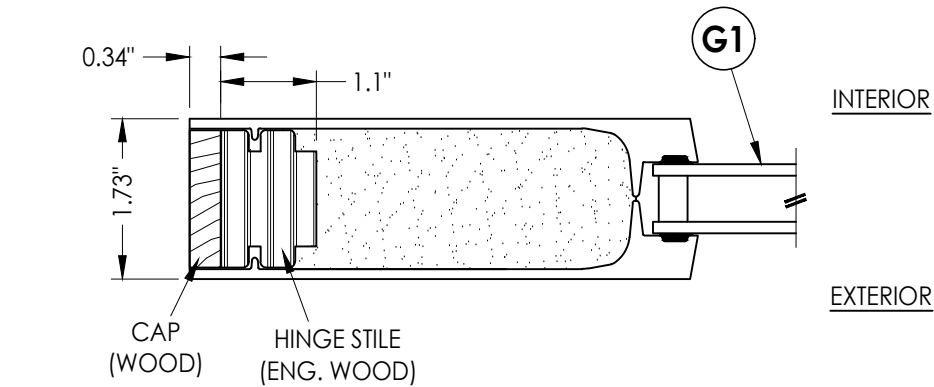
DRAWING NO.:

FL-28897.2

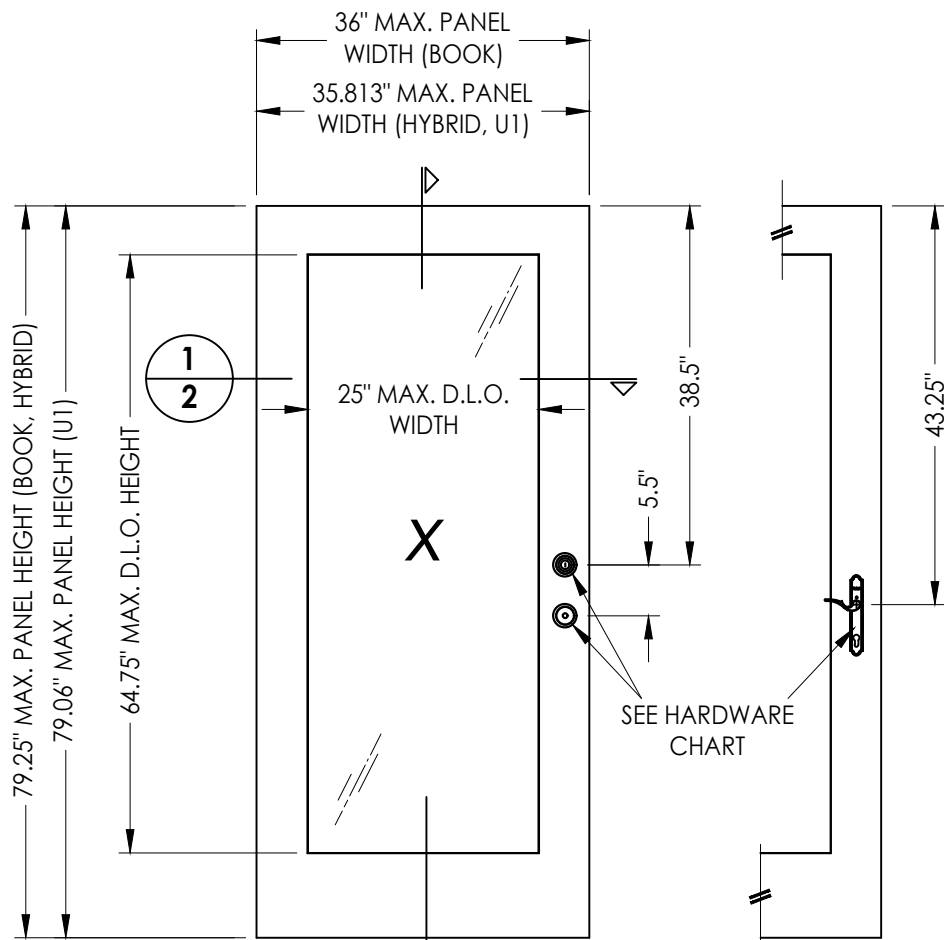
SHEET 1 OF 12

CONFIGURATION	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XO, OX, OXO	Latch & Deadbolt	+60.0	-70.0	+65.0	-65.0
XO, OX, OXO	Multipoint	+70.0	-70.0	+70.0	-70.0

Z:\2023 FBC Drawings\Therma-Tru\FL-28897 R3\FL-28897.1-3.dwg

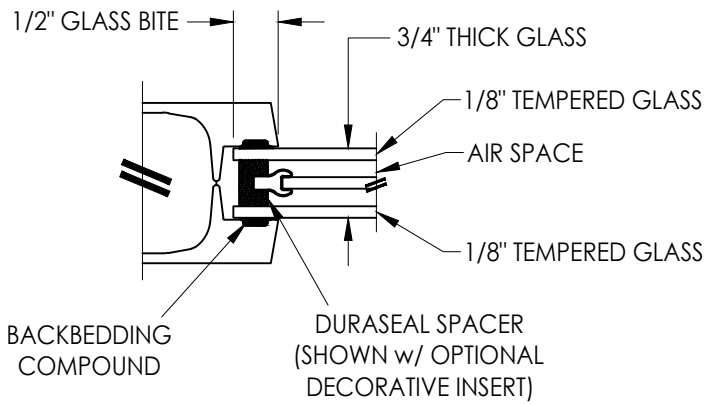


1
2 **HORIZONTAL CROSS SECTION**



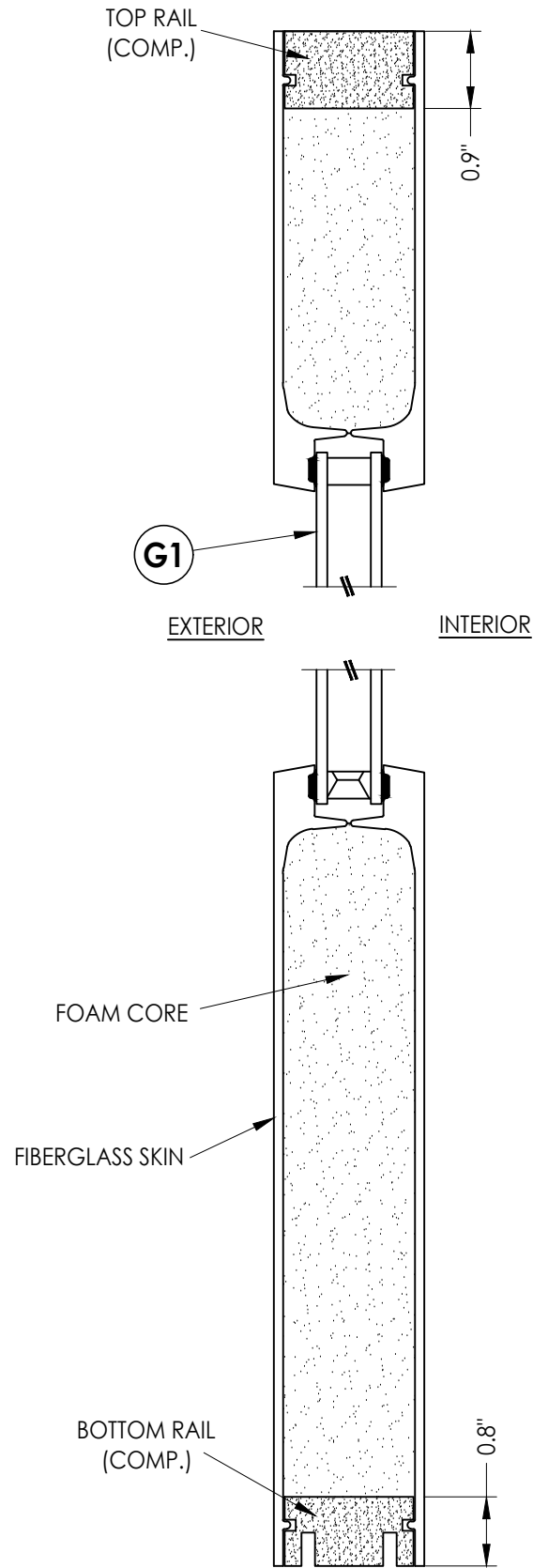
40 **DOOR PANEL**
Classic-Craft Shaker

FIBERGLASS SKIN: 0.110" MIN. THICKNESS
FOAM CORE: POLYURETHANE (1.9 PCF)



G1 **GLAZING DETAIL**
Flush Glazing

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F SERIES (F10)
	DEADBOLT:	B SERIES (B60)
HOPPE (Therma-Tru)	MULTIPOINT LOCK:	MPDGART (3 pt. Manual Tongue)



2
2 **VERTICAL CROSS SECTION**

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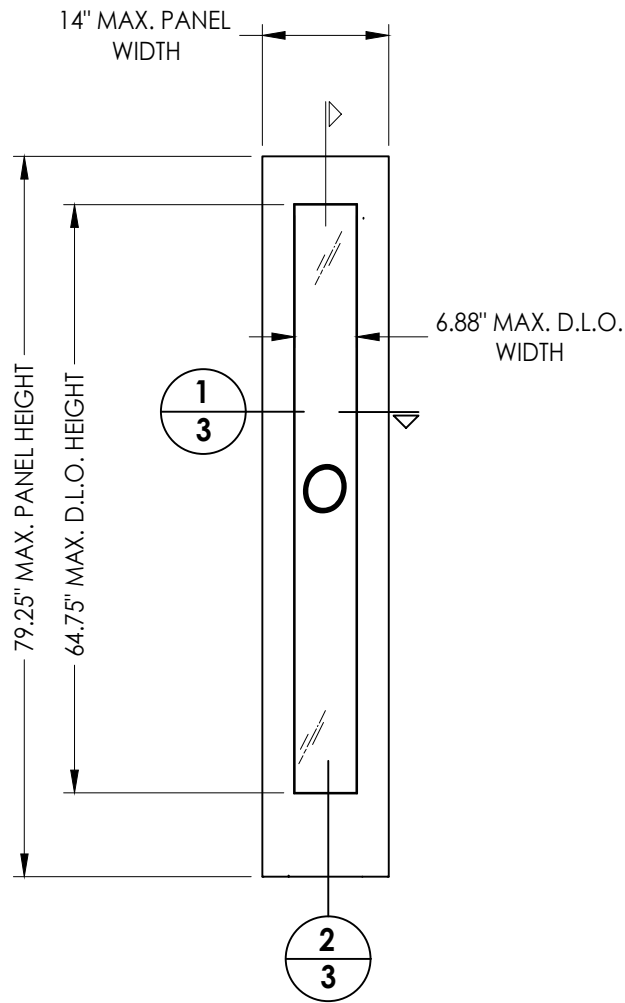
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

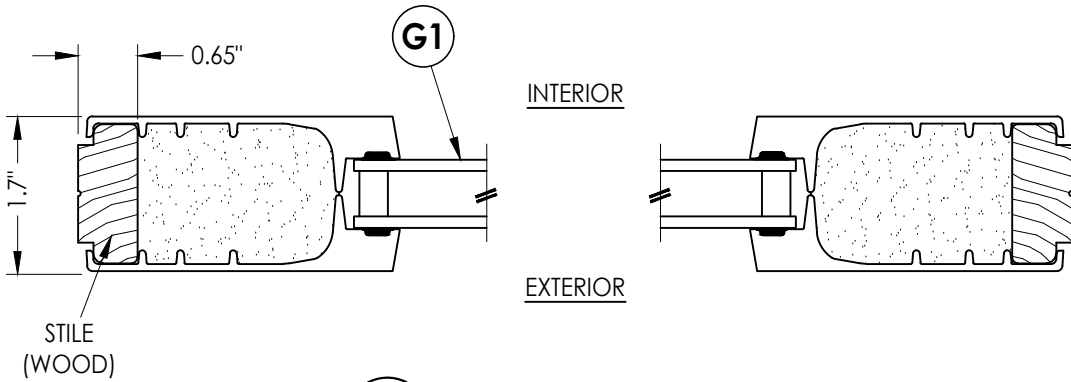
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		2	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
		1	7/15/20	UPDATE TO 7th ED (2020)	FBC	LFS	

DATE:	2/05/19
SCALE:	N.T.S.
DWG. BY:	MT
CHK. BY:	LFS
DRAWING NO.:	FL-28897.2
SHEET	2 OF 12

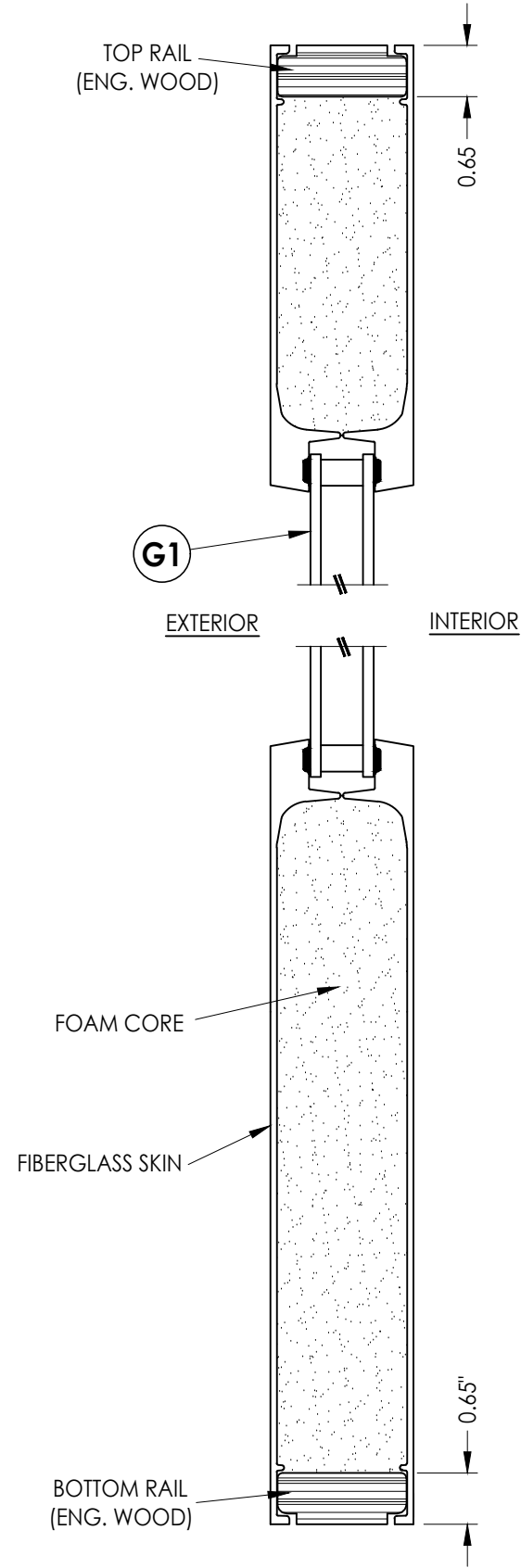
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50 **SIDELITE PANEL**
Classic-Craft Shaker



1
3 **HORIZONTAL CROSS SECTION**



2
3 **VERTICAL CROSS SECTION**

FIBERGLASS SKIN: 0.08" MIN. THICKNESS
FOAM CORE: POLYURETHANE (1.9 PCF)

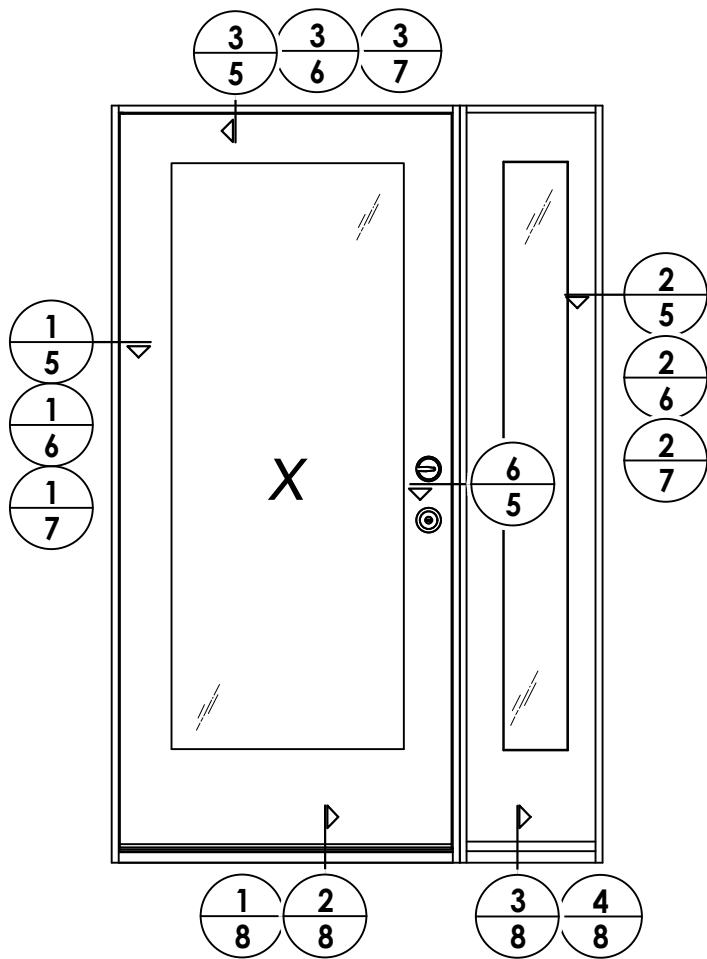
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1	7/15/20	UPDATE TO 7th ED (2020)	FBC	LFS	
				BY	

DATE: 2/05/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28897.2
SHEET 3 OF 12

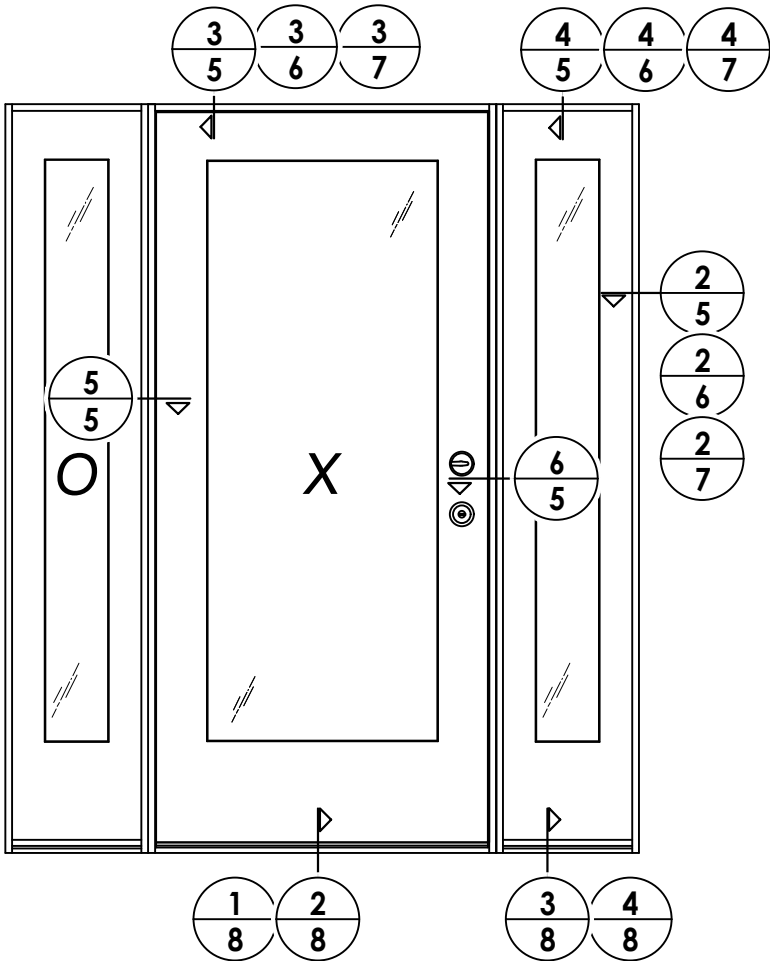
PRODUCT: THERMA-TRU
FIBERGLASS DOOR
PART OR ASSEMBLY: SIDELITE PANEL DETAILS

Documents Prepared By:
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P.E. No. 43409

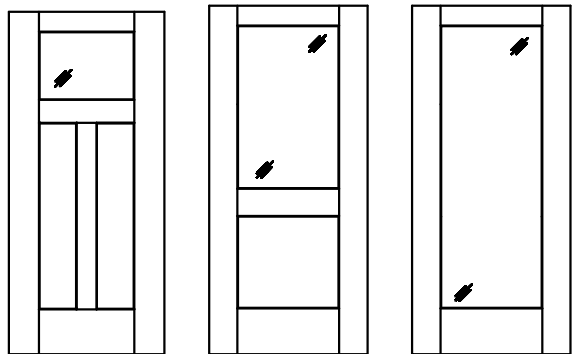
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



ELEVATION
XO



ELEVATION
OXO
ELEVATION
OXO



Classic-Craft Shaker Door Panel Options

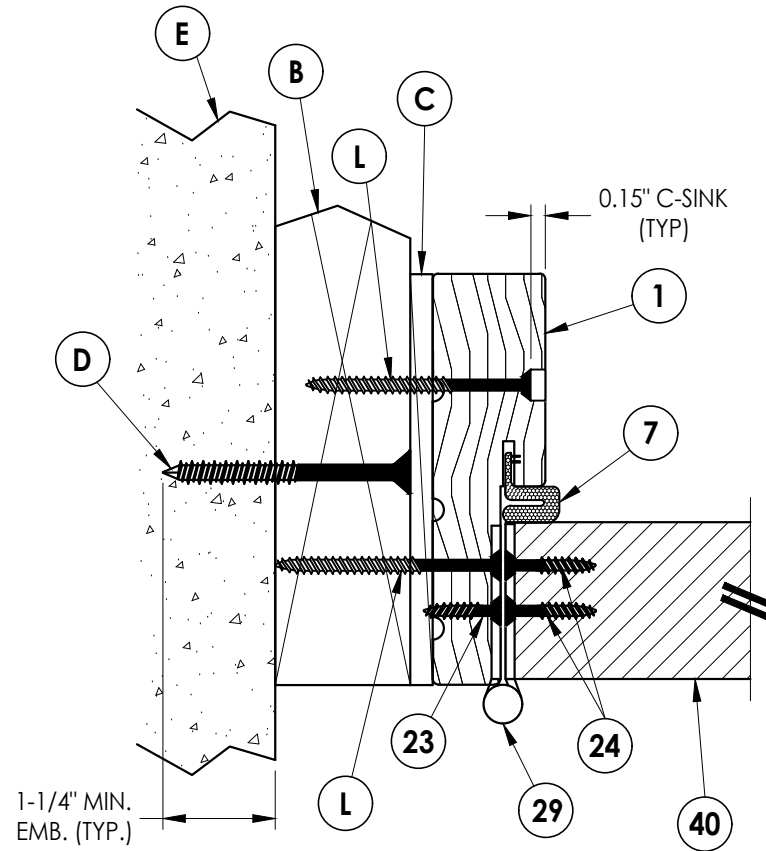
Panel options shown are for illustration and are representative only
(similar glazed panel configurations are allowed)

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
NO.		DATE	
BY		REVISIONS	

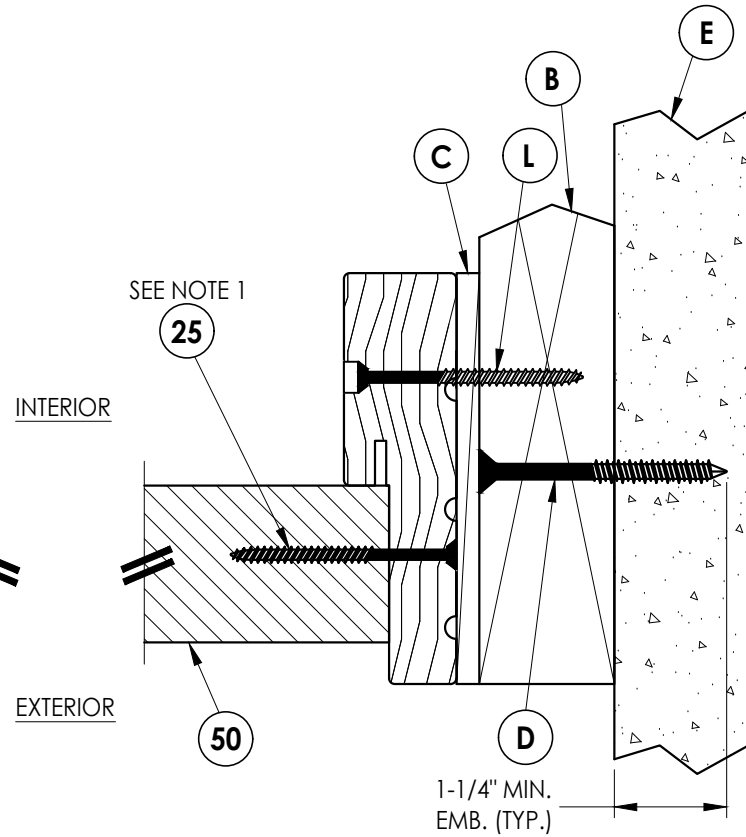
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SCALE: N.T.S.	
DWG. BY: MT	
CHK. BY: LFS	
DRAWING NO.: FL-28897.2	
SHEET 4 OF 12	

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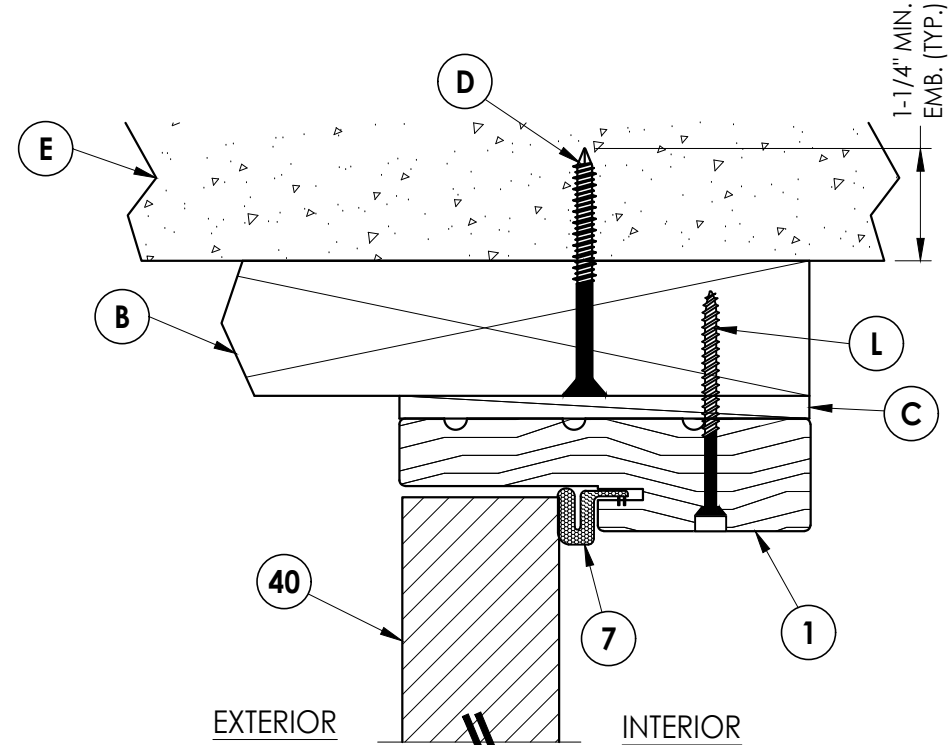
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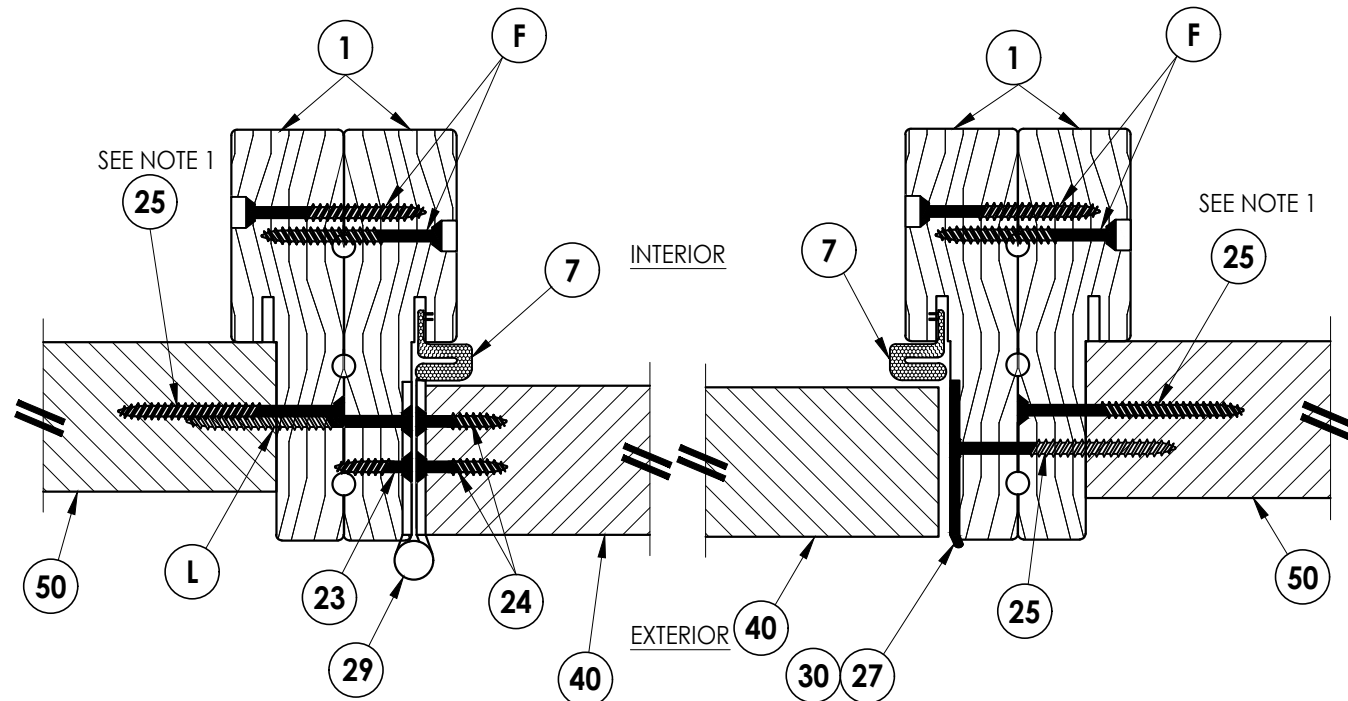
1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



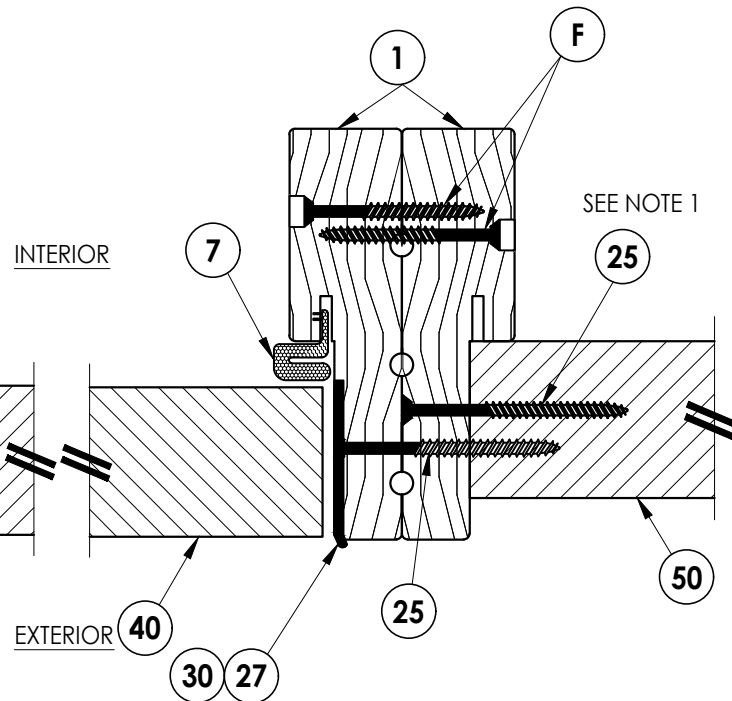
2
5 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



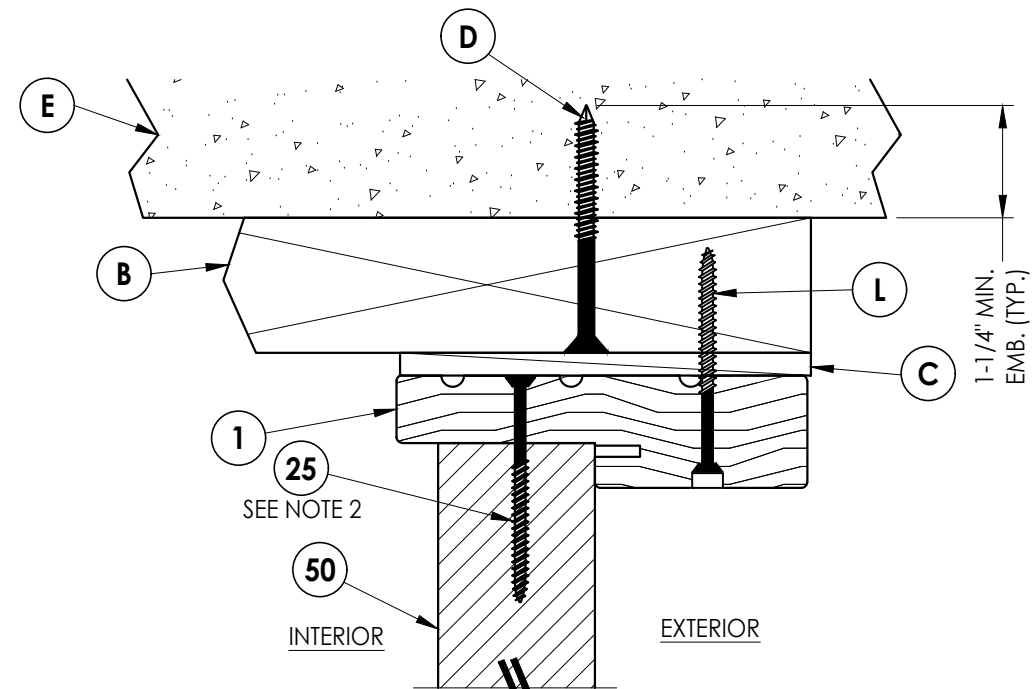
3
5 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)



5
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



6
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



4
5 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck

Notes:

1. Sidelite assembly screws located 8" from each end then 2 more equally spaced (4 total).
2. Sidelite assembly screws located 6" from each end (2 total).

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
FIBERGLASS DOOR

PART OR ASSEMBLY:

HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

DATE: 2/05/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

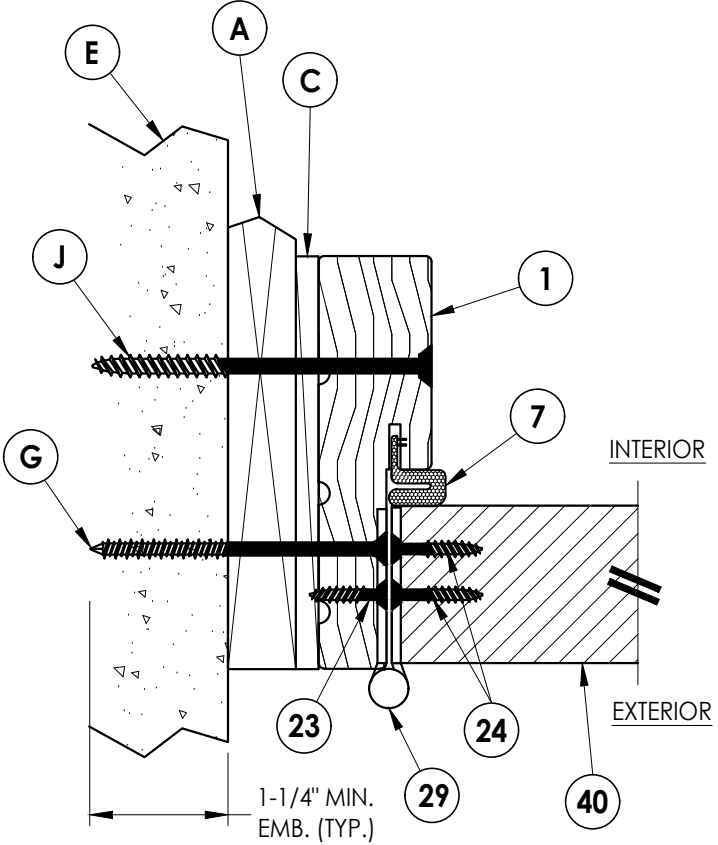
DRAWING NO.: FL-28897.2

SHEET 5 OF 12

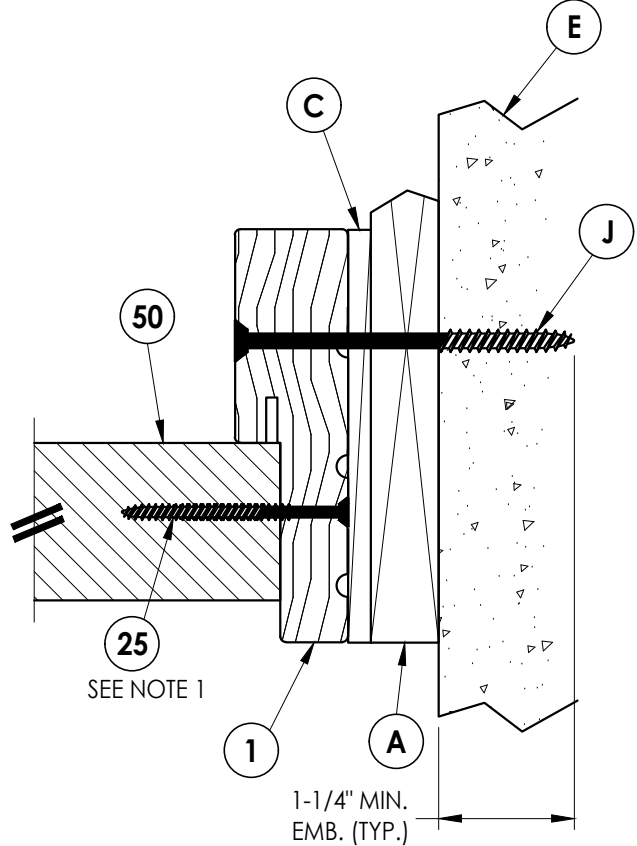
© 2012 R.W. BUILDING CONSULTANTS INC.

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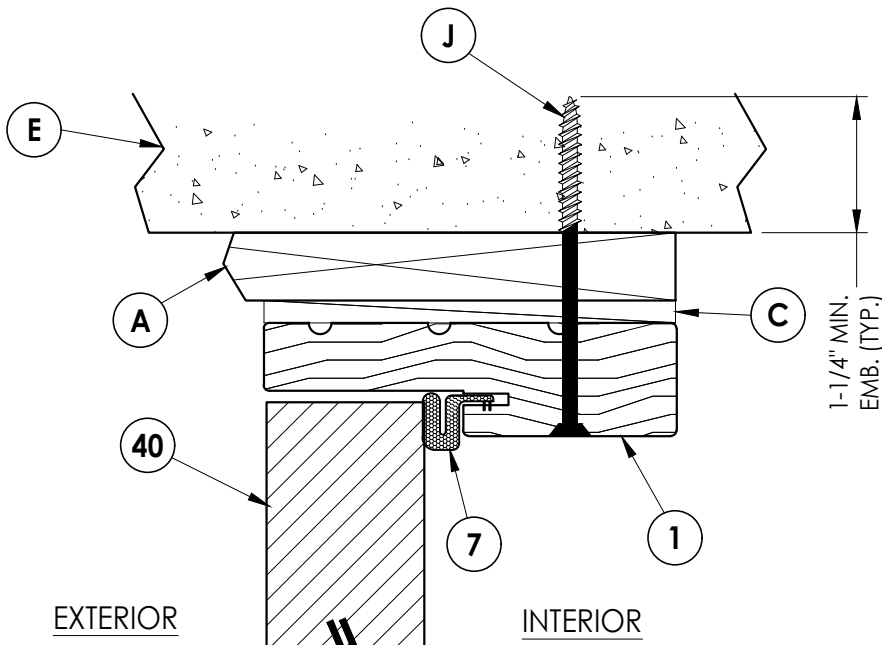
Notes:
1. Sidelite assembly screws located 8" from each end then 2 more
equally spaced (4 total).
2. Sidelite assembly screws located 6" from each end (2 total).



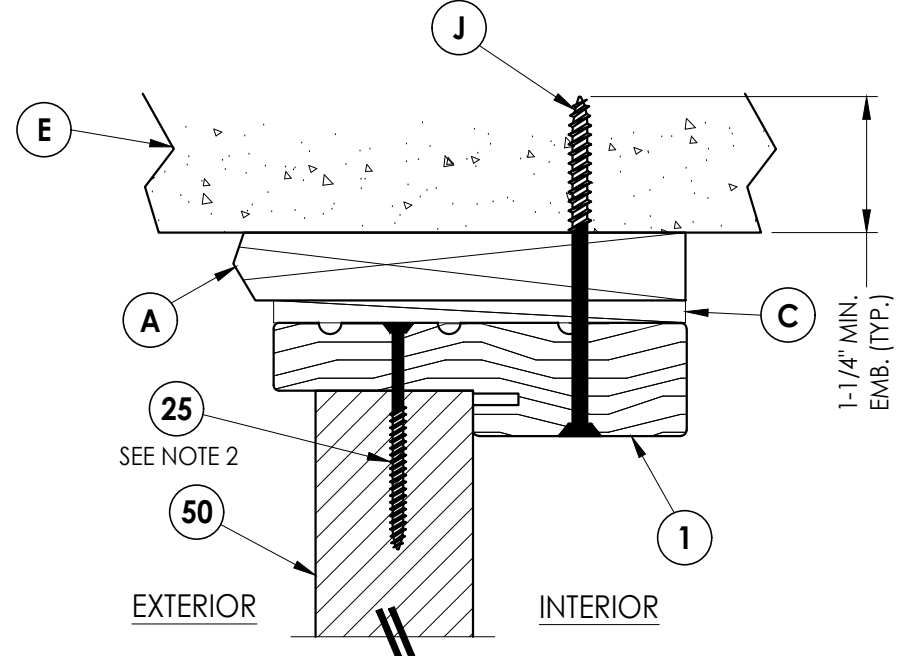
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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

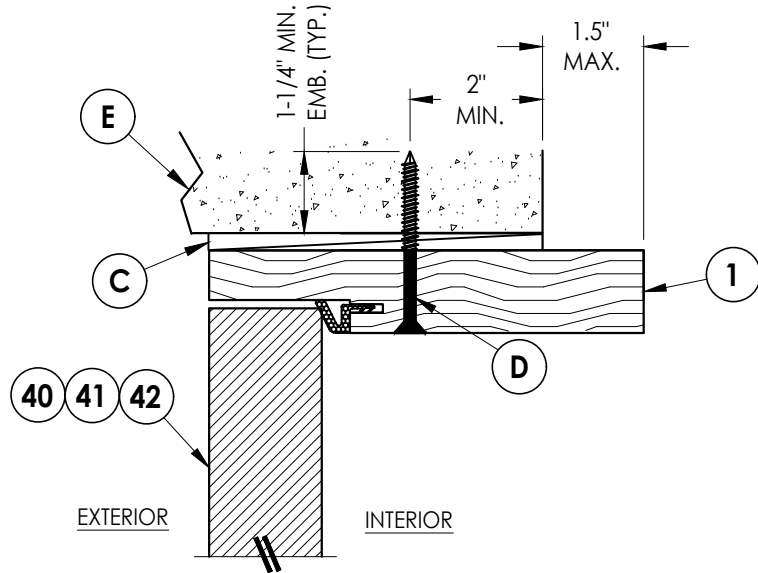


3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

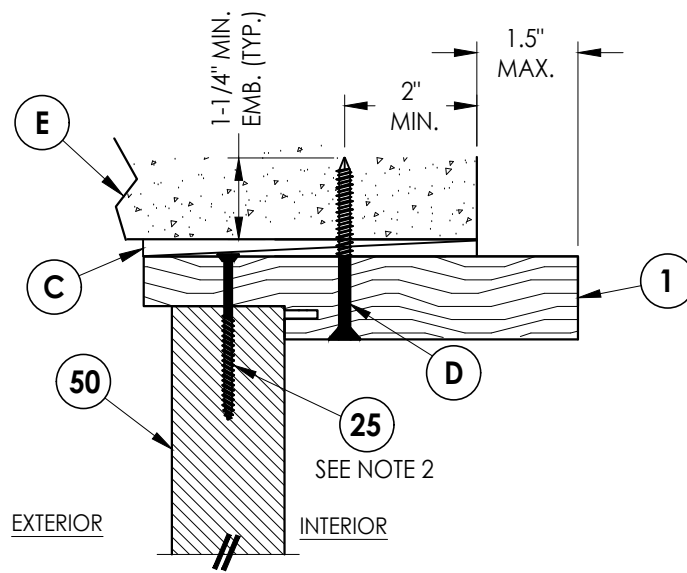


4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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 No. 9813	
PRODUCT: THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
		LFS	BY
		FBC	
3	7/01/26	UPDATE TO 9TH ED. (2026)	
2	7/27/23	UPDATE TO 8TH ED. (2023)	
1	7/15/20	UPDATE TO 7th ED (2020)	
NO.	DATE		
REVISIONS			
DATE: 2/05/19			
SCALE: N.T.S.			
DWG. BY: MT			
CHK. BY: LFS			
DRAWING NO.: FL-28897.2			
SHEET 6 OF 12			



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

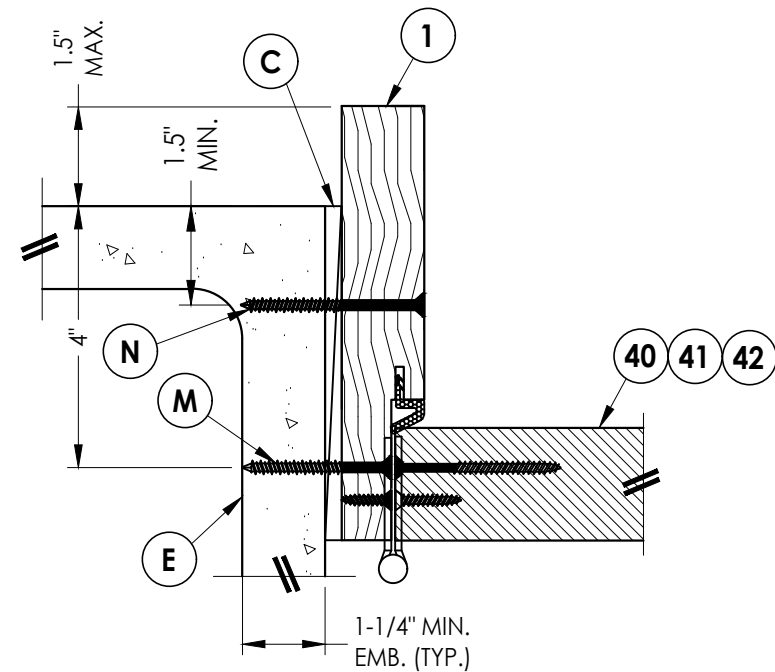


4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

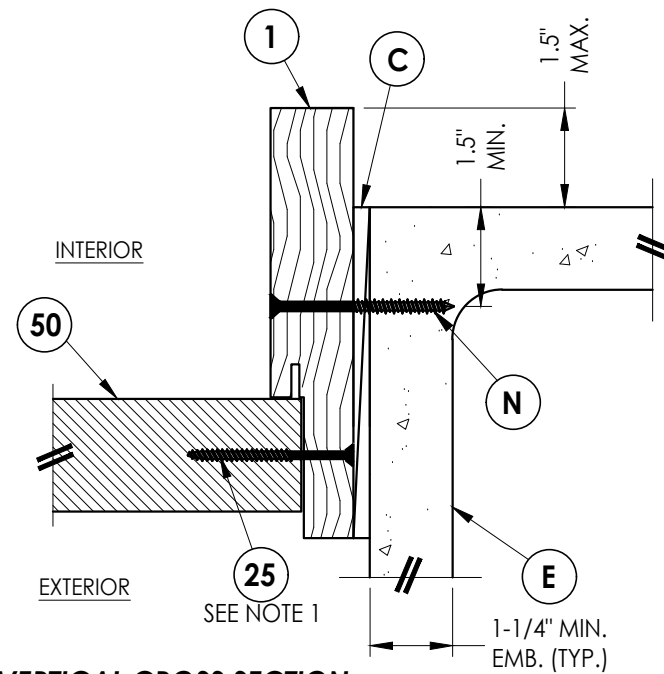
Notes:

- Sidelite assembly screws located 8" from each end then 2 more equally spaced (4 total).
- Sidelite assembly screws located 6" from each end (2 total).

DIRECT TO MASONRY MAX. DESIGN PRESSURE:
± 65 PSF



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



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

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

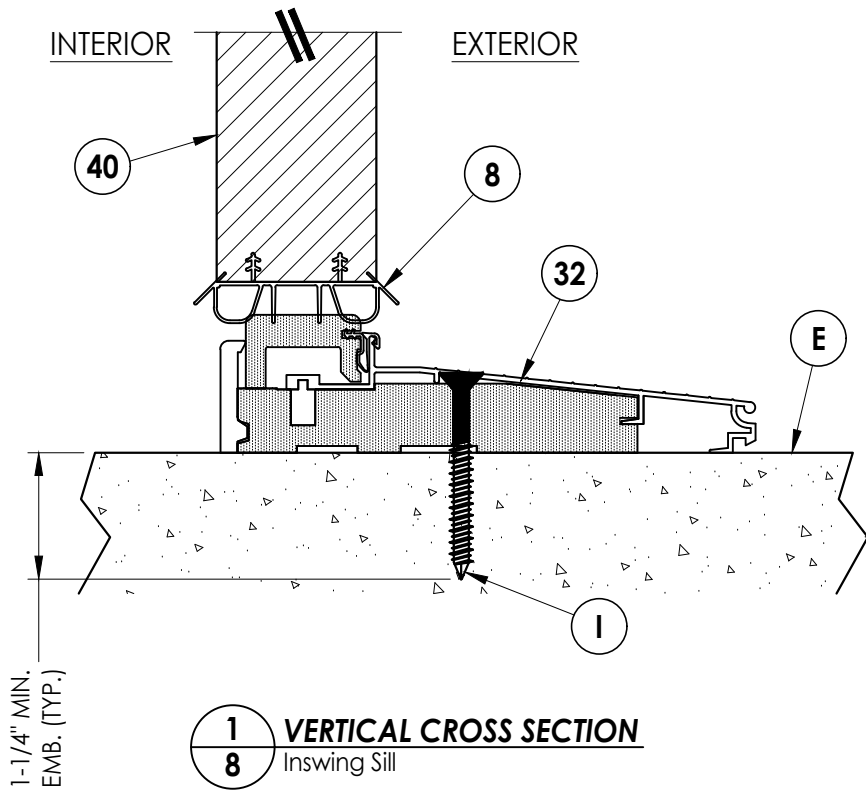
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

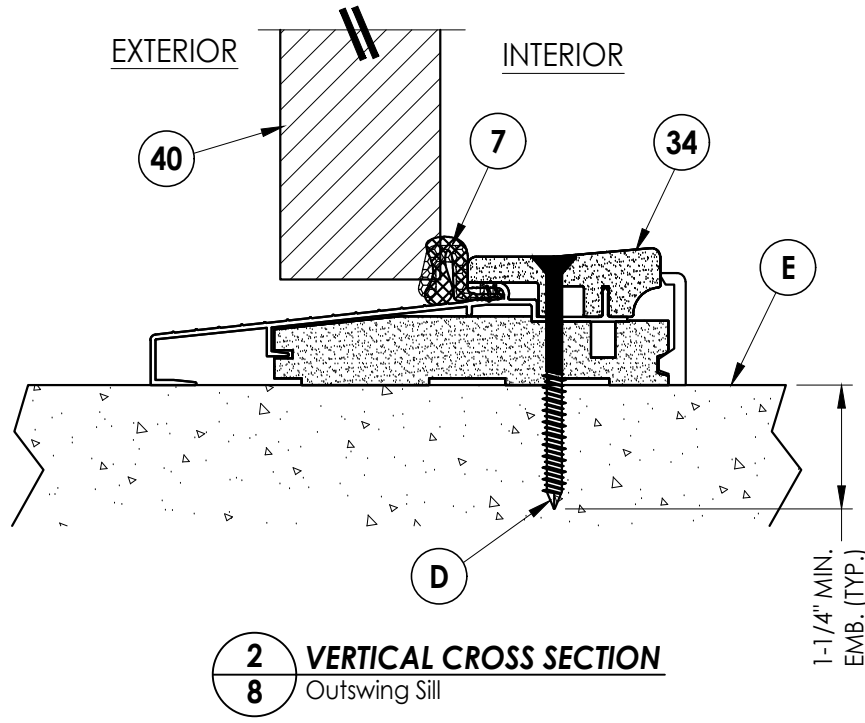
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2	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/15/20	UPDATE TO 7th ED (2020) FBC LFS

DATE: 2/05/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28897.2
SHEET 7 OF 12

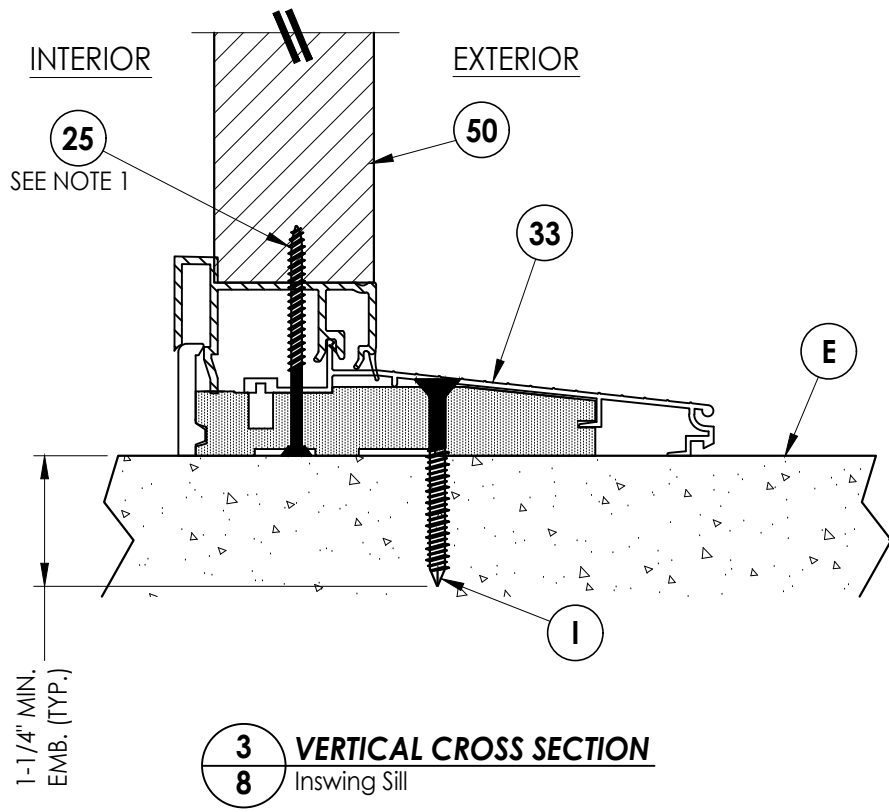
Note:
1. Sidelite assembly screws located 6" from each end (2 total).



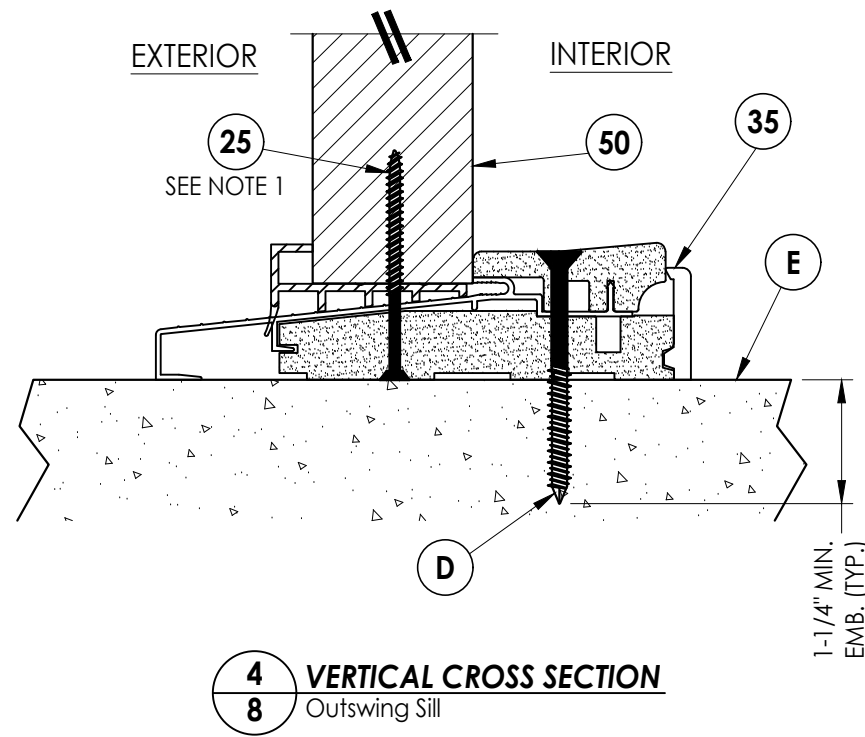
1
8 **VERTICAL CROSS SECTION**
Inswing Sill



2
8 **VERTICAL CROSS SECTION**
Outswing Sill



3
8 **VERTICAL CROSS SECTION**
Inswing Sill



4
8 **VERTICAL CROSS SECTION**
Outswing Sill

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

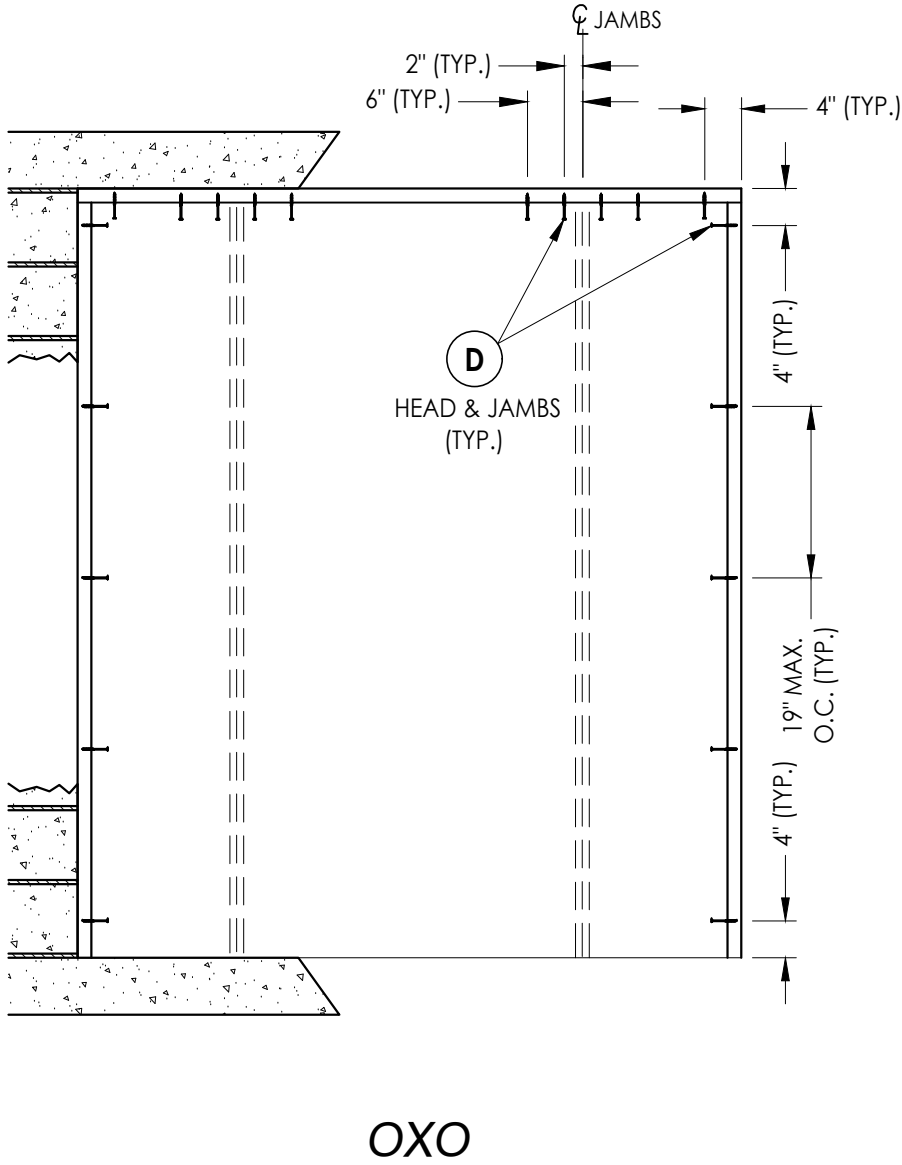
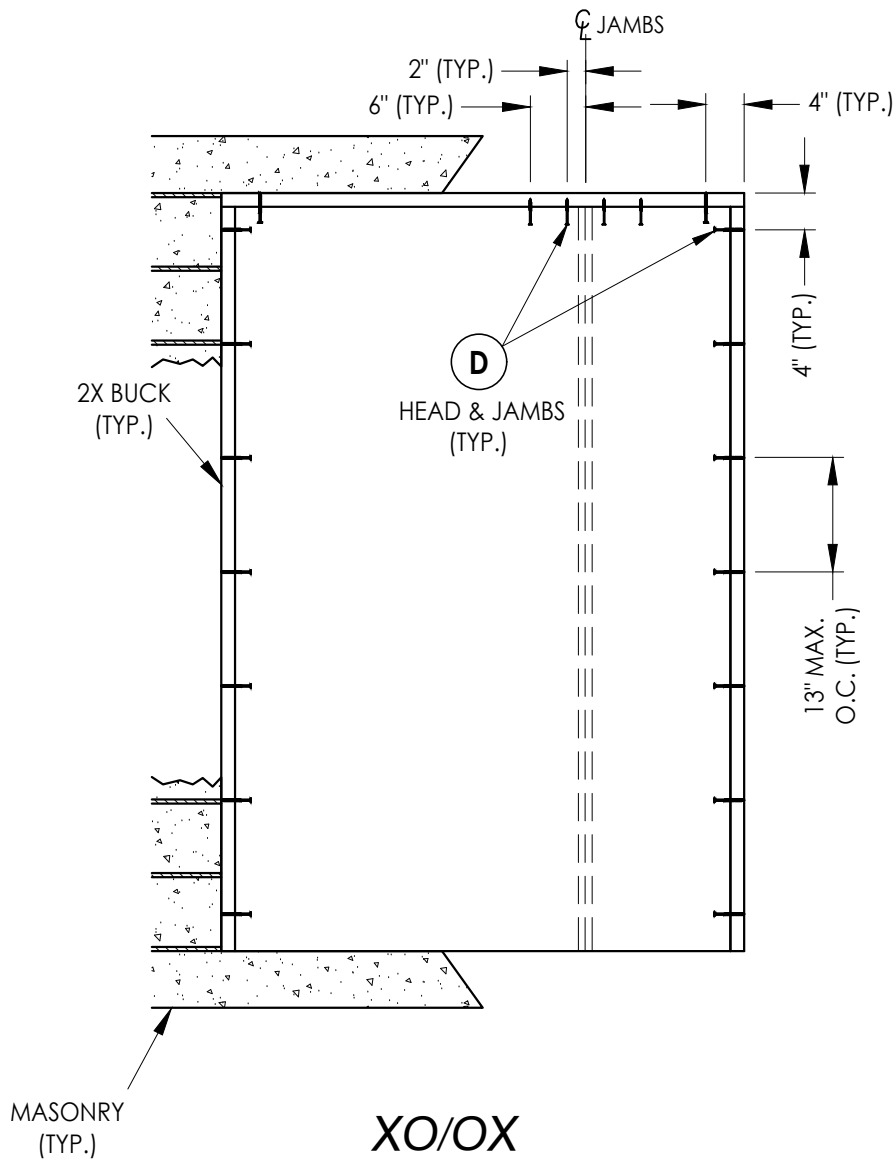
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS			
		BY	LFS	FBC	LFS
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
2	7/27/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	7/15/20	UPDATE TO 7th ED (2020)	FBC	LFS	

DATE:	2/05/19
SCALE:	N.T.S.
DWG. BY:	MT
CHK. BY:	LFS
DRAWING NO.:	FL-28897.2
SHEET	8 OF 12



2X BUCK ANCHORING

DATE: 2/05/19	
SCALE: N.T.S.	
DWG. BY: MT	
CHK. BY: LFS	
DRAWING NO.: FL-28897.2	
SHEET	9 OF 12

REVISIONS	
NO.	DATE
3	7/01/26
2	7/27/23
1	7/15/20

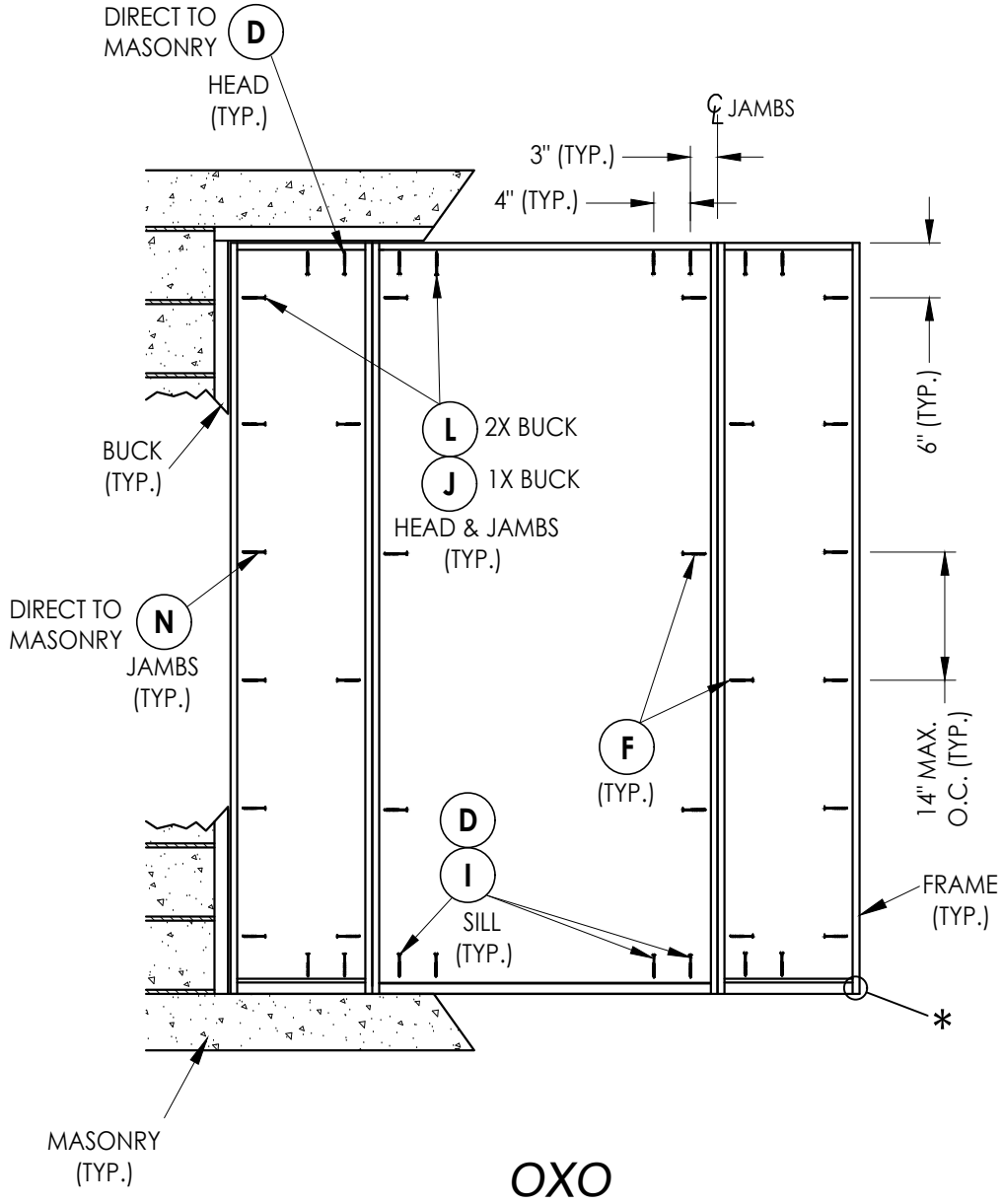
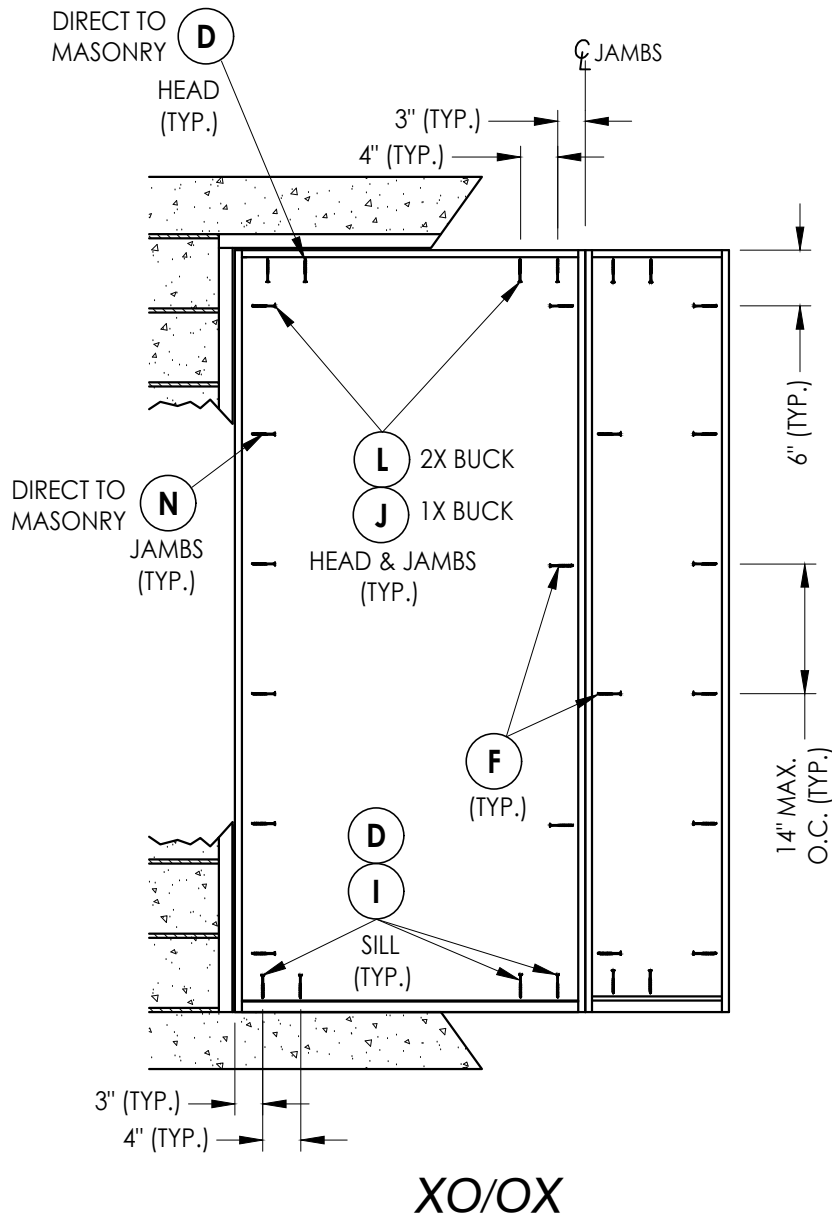
PRODUCT: THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY: BUCK ANCHORING	

Documents Prepared By:
Lyndon F. Schmidt
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BUILDING CONSULTANTS, INC.
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Z:\2023 FBC Drawings\Therma-Tru\FL-28897 R3\FL-28897.1-3.dwg

* FRAME CORNERS ATTACHED w/ (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS (TYP.)



FRAME ANCHORING

Documents Prepared By:
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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

REVISIONS			
NO.	DATE	DESCRIPTION	BY
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS	LFS
2	7/27/23	UPDATE TO 8TH ED. (2023) FBC LFS	LFS
1	7/15/20	UPDATE TO 7th ED (2020) FBC LFS	LFS

DATE: 2/05/19

SCALE: N.T.S.

DWG. BY: MT

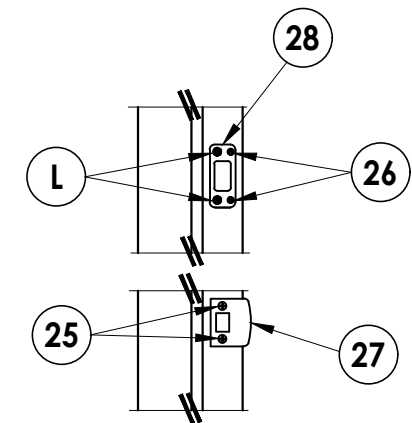
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DRAWING NO.:

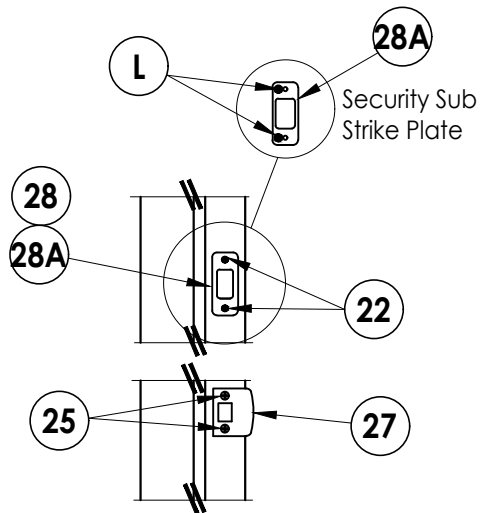
FL-28897.2

SHEET 10 OF 12

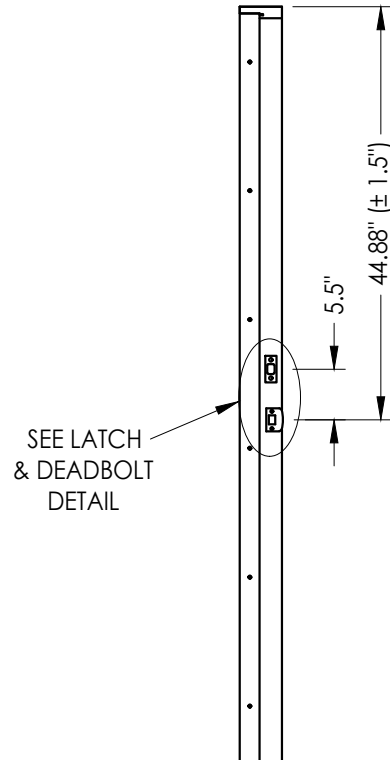
LATCH & DEADBOLT STRIKE DETAILS



LATCH & DEADBOLT DETAIL
Kwikset

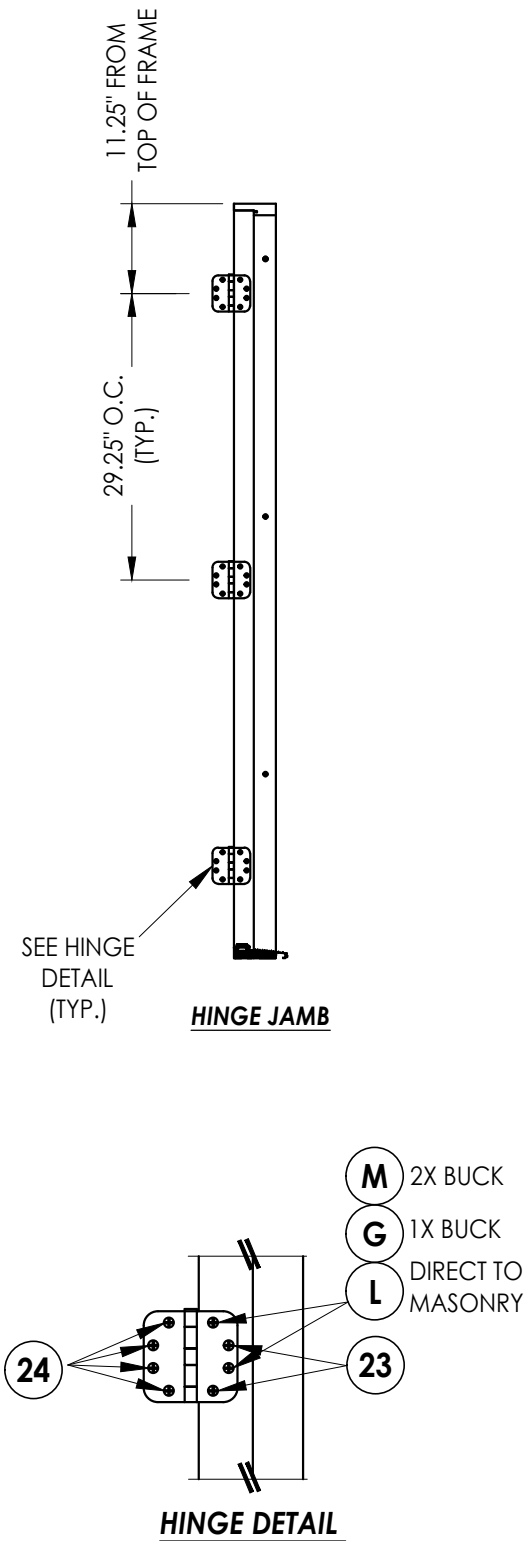


LATCH & DEADBOLT DETAIL
Schlage

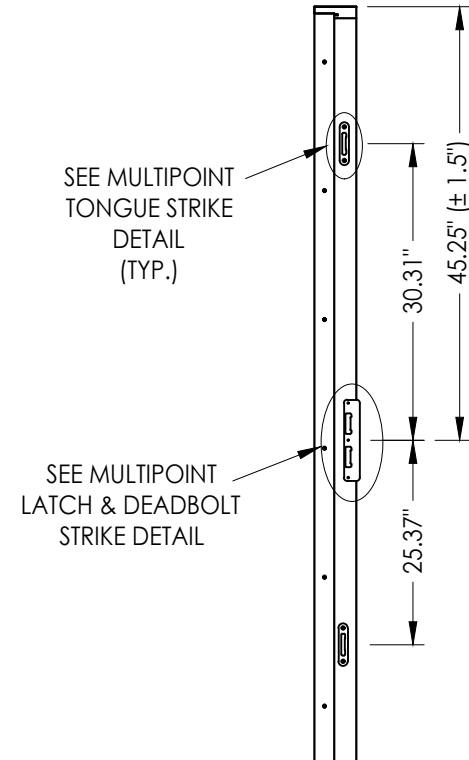


STRIKE JAMB

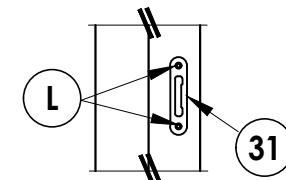
Latch and Deadbolt



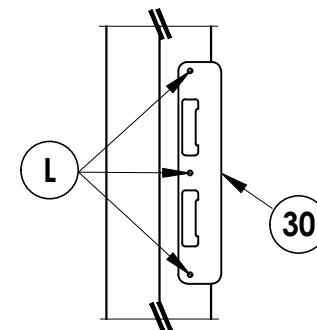
HINGE DETAIL



STRIKE JAMB
Multipoint Lock



MULTIPOINT TONGUE STRIKE DETAIL



MULTIPOINT LATCH & DEADBOLT STRIKE DETAIL

MULTIPOINT LOCK STRIKE DETAILS

3	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC LFS
2	7/27/23	UPDATE TO 8TH ED.	(2023)	FBC LFS
1	7/15/20	UPDATE TO 7th ED	(2020)	FBC LFS
NO.	DATE			BY
REVISIONS				

DATE:	2/05/19
SCALE:	N.T.S.
DWG. BY:	MT
CHK. BY:	LFS
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SHEET	11 OF 12

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

