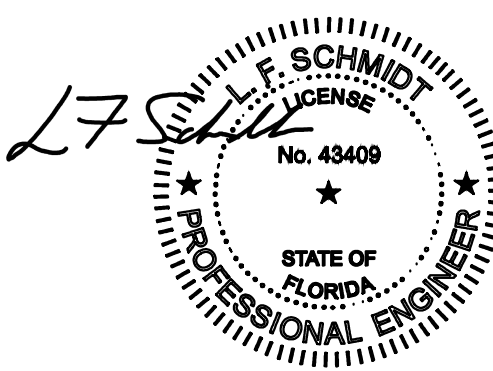


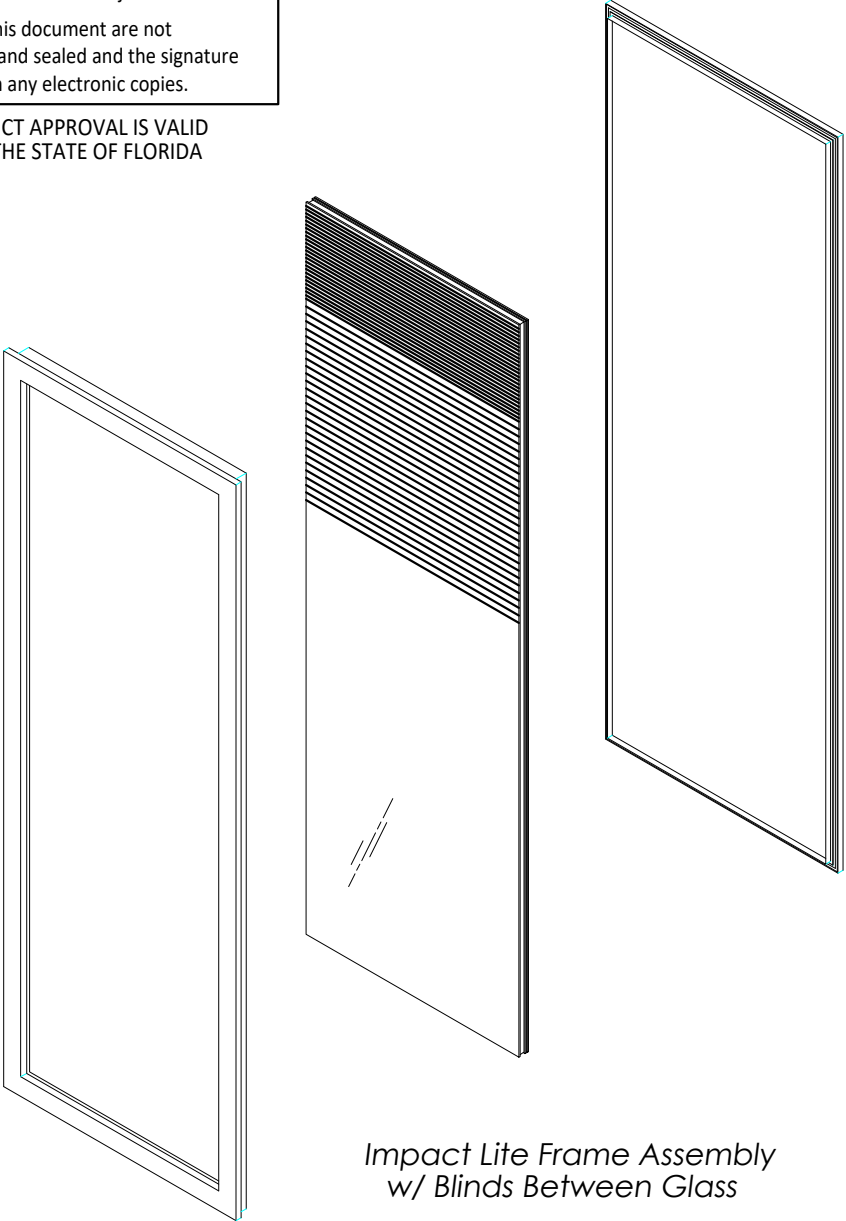


Digitally signed by Lyndon F Schmidt
Date: 2023.07.24 11:25:01 -04'00'

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

Impact Lite Frame Assembly w/ Blinds Between Glass



Impact Lite Frame Assembly
w/ Blinds Between Glass

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. 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 includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- 3. This product is approved for use as a substitute doorglass assembly in conjunction with a Therma-Tru "Impact" glazed hinged swing door and/or fixed sidelite possessing a current Therma-Tru Florida Statewide product approval.
- 4. The design pressure (DP) rating shall be the lesser of the DP rating shown in this approval or the DP rating shown in the Therma-Tru "Impact" glazed side hinged swing door or fixed sidelite approval being used.
- 5. The door panel and lite opening size shall not exceed the sizes shown in this approval or the Therma-Tru "Impact" glazed side hinged swing door or fixed sidelite approval being used.
- 6. This product has been tested in the Therma-Tru door and/or sidelite panels as specified on Sheets 3-5 of this approval. This product is for use with a Therma-Tru "Impact" glazed fiberglass or steel side hinged swing door or fixed sidelite only.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures and General Notes
2	Lite Frame & Glazing Details
3	Door Panel Details (Therma-Tru Fiberglass)
4	Door Panel Details (Therma-Tru Fiberglass)
5	Door Panel Details (Therma-Tru Steel)

MAXIMUM DESIGN PRESSURE RATING (PSF)		
GLAZING TYPE	POSITIVE	NEGATIVE
1-1/4" INSULATED LAMINATED GLASS w/ INTERNAL BLINDS	+60.0	-65.0

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

THERMA-TRU

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

DATE: 2/05/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-26038.1

SHEET 1 OF 5

REVISIONS

2 7/24/23 UPDATE TO 8TH ED. (2023) FBC LFS

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

NO. DATE BY

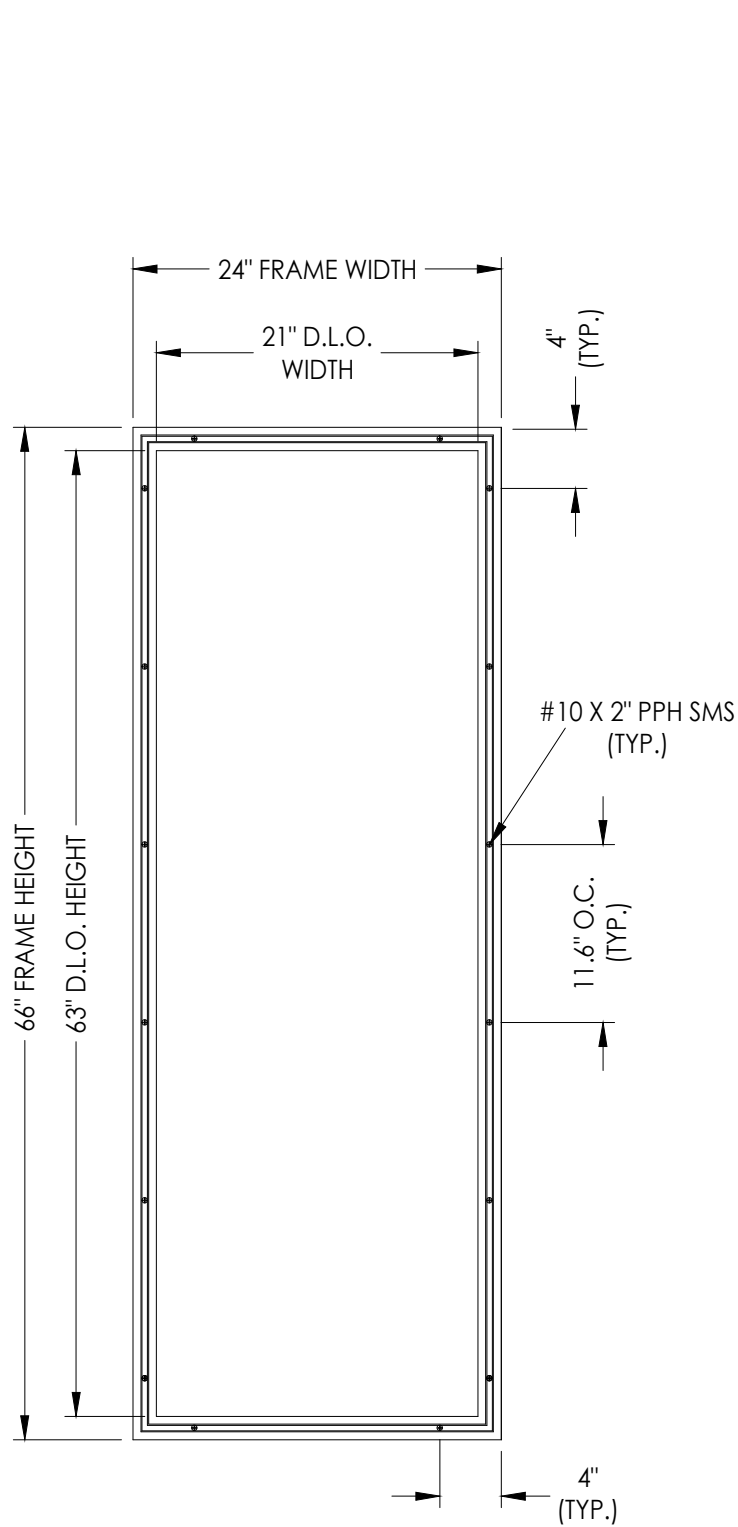
RW BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

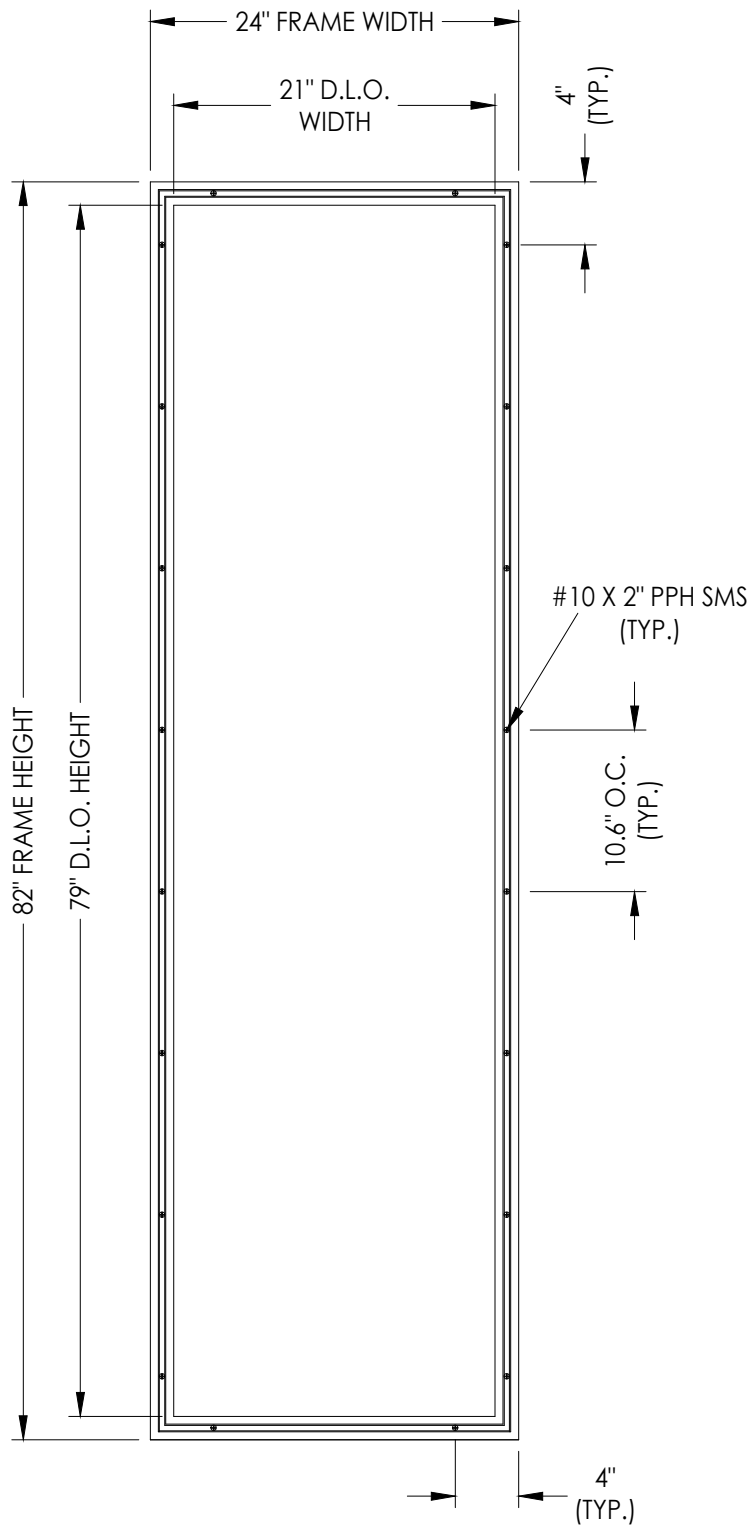
Phone No.: 813.659.9197

FBPE Registry No. 9813

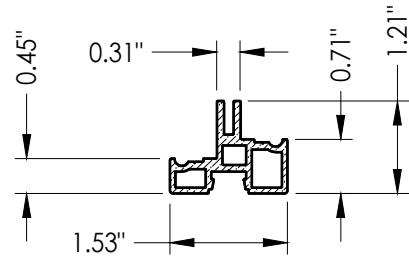
Z:\2023 FBC Drawings\Therma-Tru\FL-26038 R2\FL-26038.1.dwg



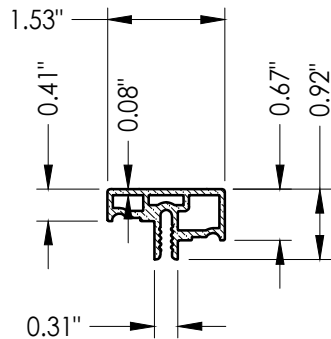
6'-8" LITE FRAME
ALUM. (6063-T5)



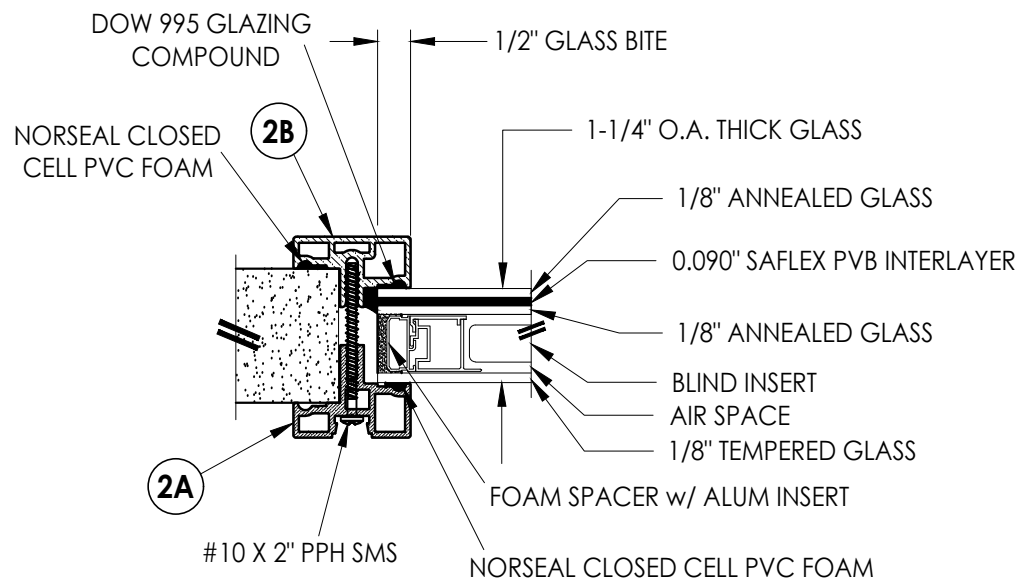
8'-0" LITE FRAME
ALUM. (6063-T5)



2A INTERIOR FRAME
1-1/4" GLAZING



2B EXTERIOR FRAME
1-1/4" GLAZING



G1 GLAZING DETAIL
1-1/4" Insulated Laminated Glass
w/ Internal Blinds

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

PART OR ASSEMBLY:
LITE FRAME DETAILS

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

DATE: 2/05/18

SCALE: N.T.S.

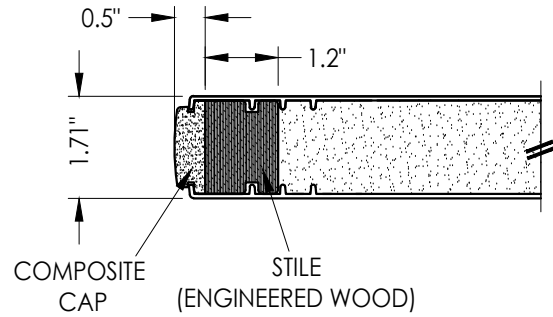
DWG. BY: JK

CHK. BY: LFS

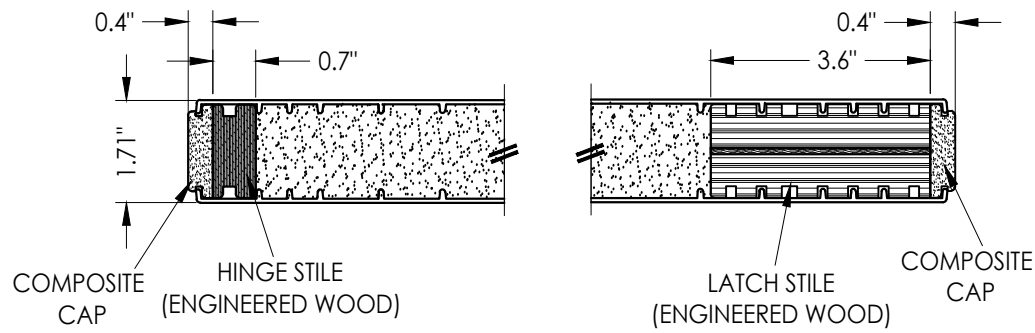
DRAWING NO.: FL-26038.1

SHEET 2 OF 5

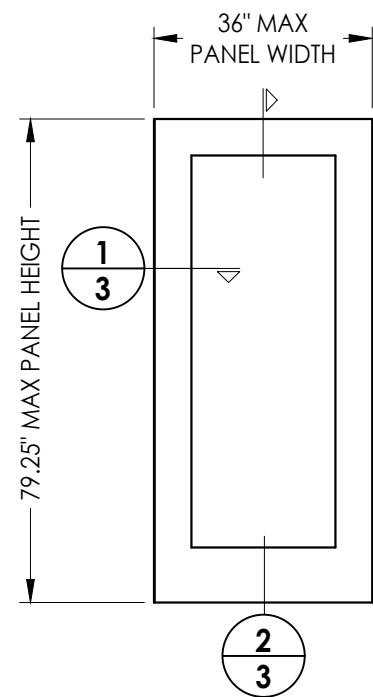
Z:\2023 FBC Drawings\Therma-Tru\FL-26038 R2\FL-26038.1.dwg



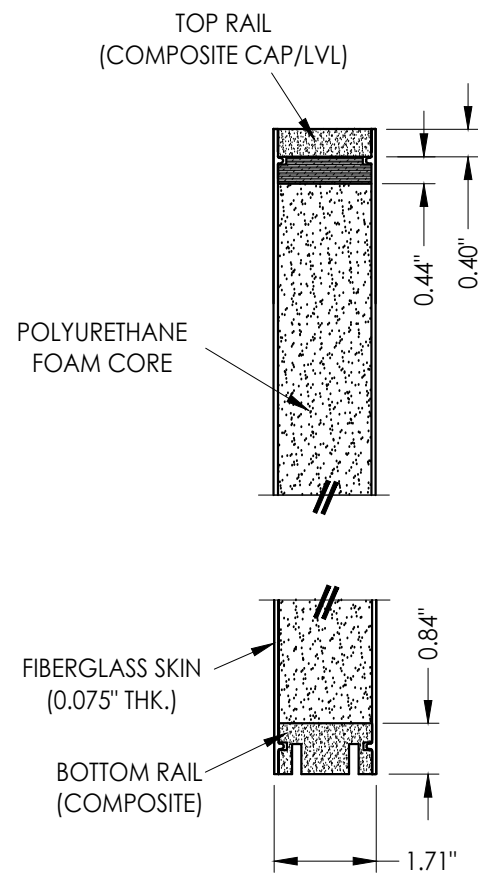
1
3 HORIZONTAL CROSS SECTION



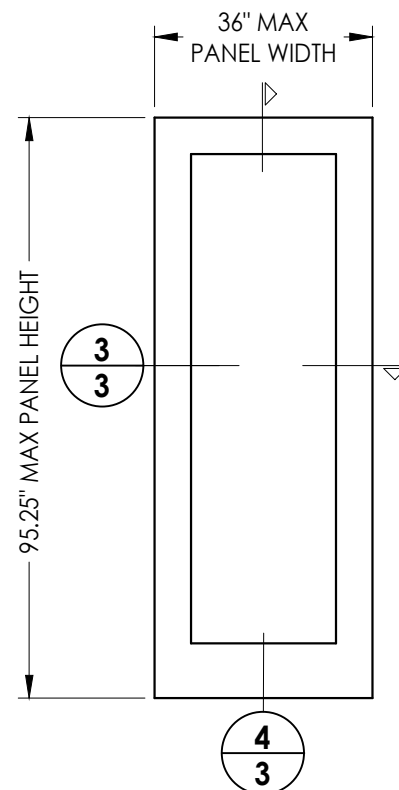
3
3 HORIZONTAL CROSS SECTION



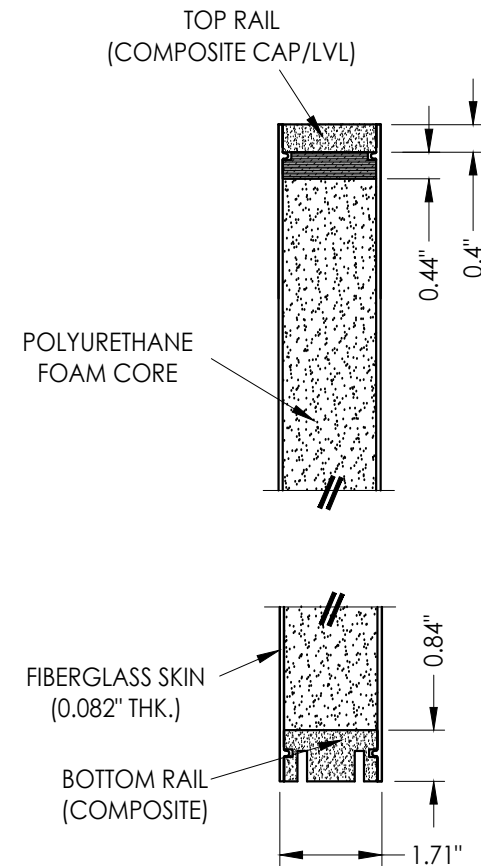
2
3 FIBERGLASS DOOR/SIDELITE PANEL
Therma-Tru 6'-8"
(Composite Edge)



2
3 VERTICAL CROSS SECTION



4
3 FIBERGLASS DOOR/SIDELITE PANEL
Therma-Tru 8'-0"
(Composite Edge)



4
3 VERTICAL CROSS SECTION

NOTE: SEE GENERAL NOTE 4, SHEET 1 FOR DESIGN
PRESSURE LIMITATIONS

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

PART OR ASSEMBLY:
DOOR PANELS DETAILS
(THERMA-TRU FIBERGLASS)

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

DATE: 2/05/18

SCALE: N.T.S.

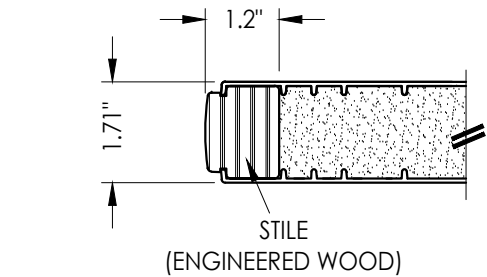
DWG. BY: JK

CHK. BY: LFS

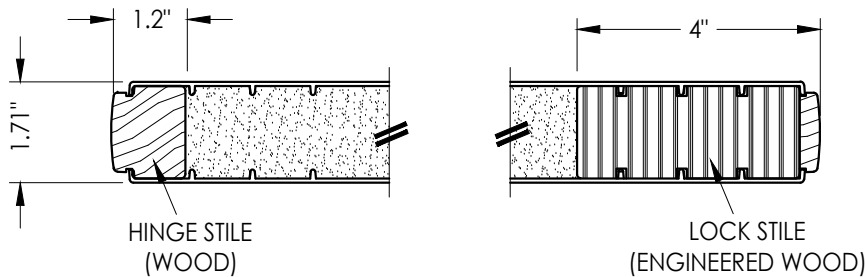
DRAWING NO.:
FL-26038.1

SHEET 3 OF 5

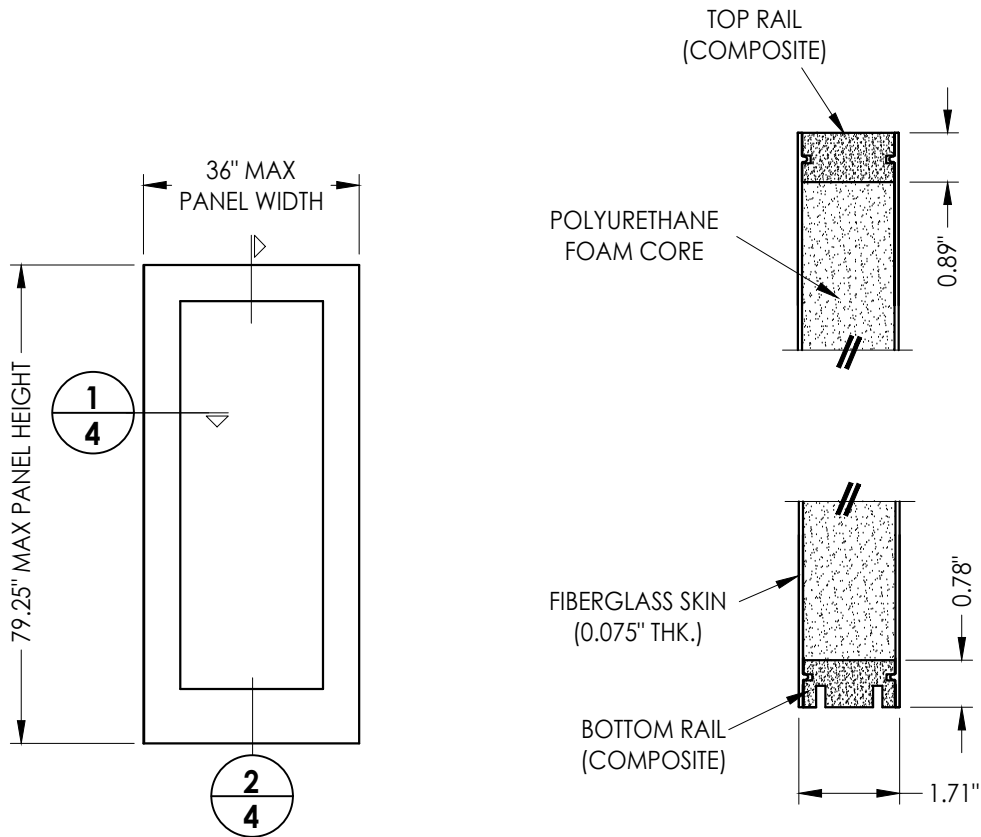
Z:\2023 FBC Drawings\Therma-Tru\FL-26038 R2\FL-26038.1.dwg



1
4 HORIZONTAL CROSS SECTION

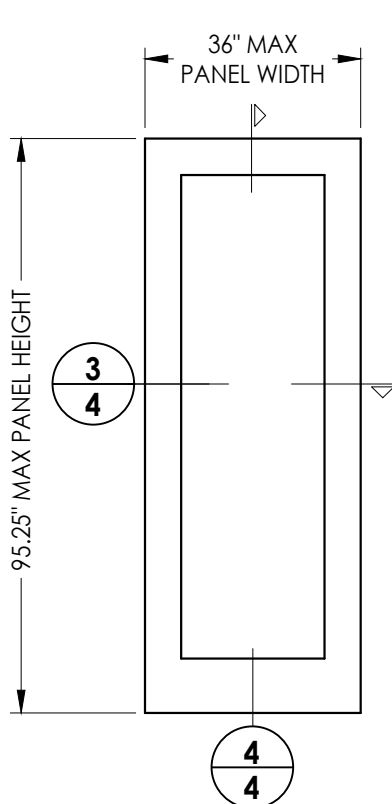


3
4 HORIZONTAL CROSS SECTION

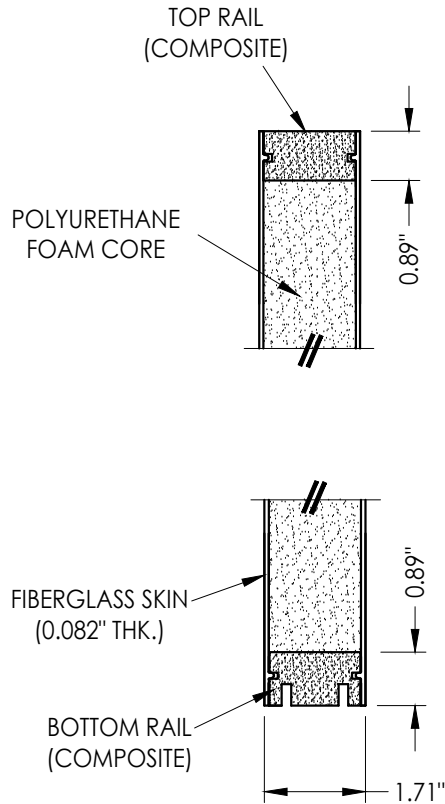


FIBERGLASS DOOR/SIDELITE PANEL
Therma-Tru 6'-8"
(Wood Edge)

2
4 VERTICAL CROSS SECTION



FIBERGLASS DOOR/SIDELITE PANEL
Therma-Tru 8'-0"
(Wood Edge)



4
4 VERTICAL CROSS SECTION

NOTE: SEE GENERAL NOTE 4, SHEET 1 FOR DESIGN
PRESSURE LIMITATIONS

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

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

PRODUCT:	Therma-Tru
PART OR ASSEMBLY:	DOOR PANELS DETAILS (Therma-Tru Fiberglass)

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

DATE: 2/05/18

SCALE: N.T.S.

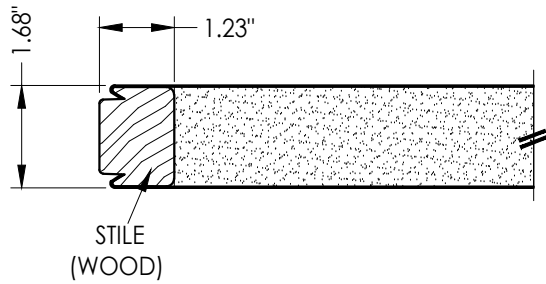
DWG. BY: JK

CHK. BY: LFS

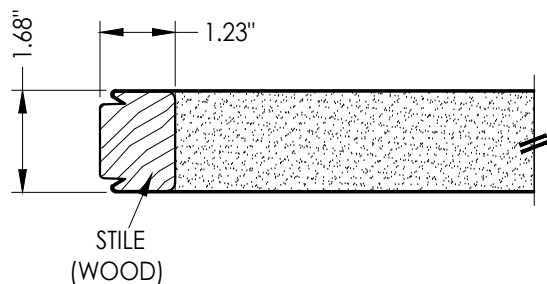
DRAWING NO.:
FL-26038.1

SHEET 4 OF 5

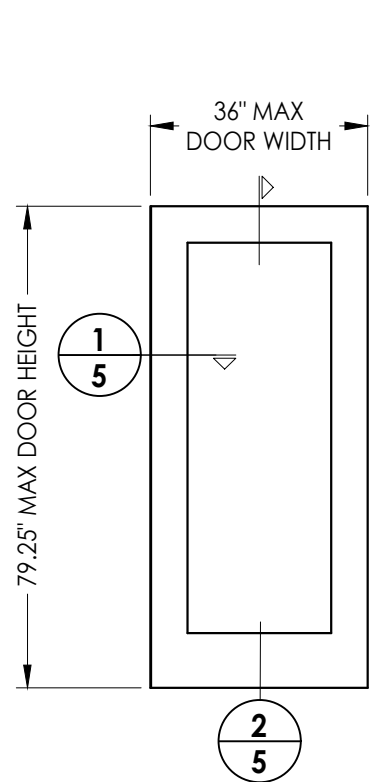
Z:\2023 FBC Drawings\Therma-Tru\FL-26038 R2\FL-26038.1.dwg



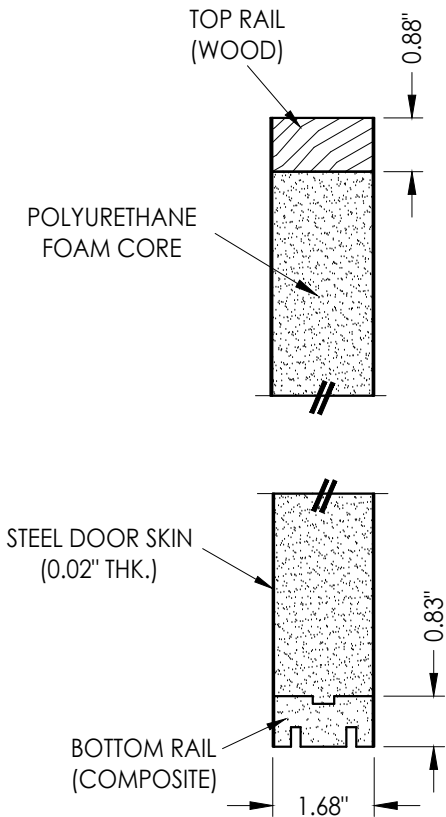
1
5 HORIZONTAL CROSS SECTION



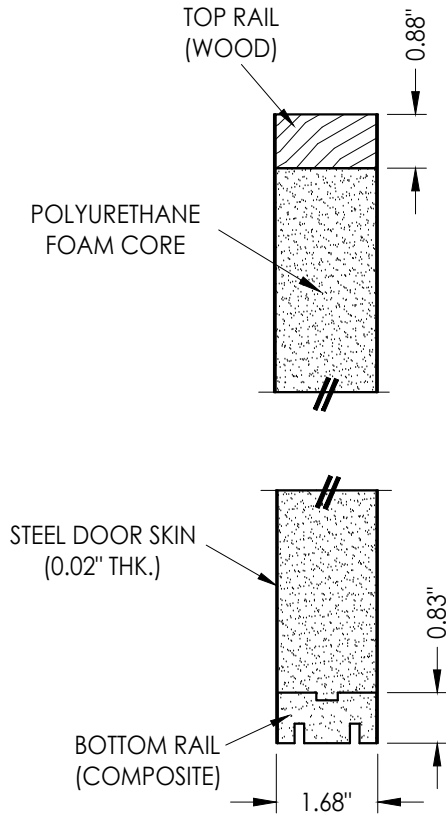
3
5 HORIZONTAL CROSS SECTION



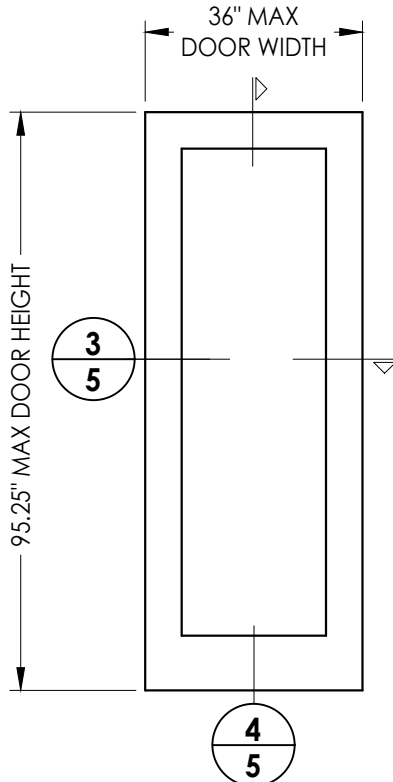
STEEL DOOR/SIDELITE PANEL
Therma-Tru 6'-8"
(Wood Edge)



STEEL DOOR/SIDELITE PANEL
Therma-Tru 8'-0"
(Wood Edge)



2
5 VERTICAL CROSS SECTION



4
5 VERTICAL CROSS SECTION

NOTE: SEE GENERAL NOTE 4, SHEET 1 FOR DESIGN
PRESSURE LIMITATIONS

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
PART OR ASSEMBLY:	DOOR PANELS DETAILS (Therma-Tru Steel)

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

DATE: 2/05/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-26038.1

SHEET 5 OF 5