**TRIMLITE**

L. F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Lyndon F Schmidt
Date: 2026.07.20 09:15:29 -04'00'

This item has been digitally signed and sealed by **L. F. Schmidt, P.E.** on the date adjacent to the seal.

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THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

# *TRIMLITE "Storm Series"*

## *Impact Lite Frame Assembly*

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. 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.
3. This product is approved for use as a substitute doorglass assembly in conjunction with a glazed fiberglass or steel side hinged swing door and/or fixed sidelite possessing a comparable current 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 glazed fiberglass or steel 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 glazed fiberglass or steel side hinged swing door or fixed sidelite approval being used.
6. This product has been tested in the door and/or sidelite panels as specified on Sheets 4-9 of this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the glazed fiberglass or steel door and/or sidelite used must possess a comparable current Florida Statewide product approval.

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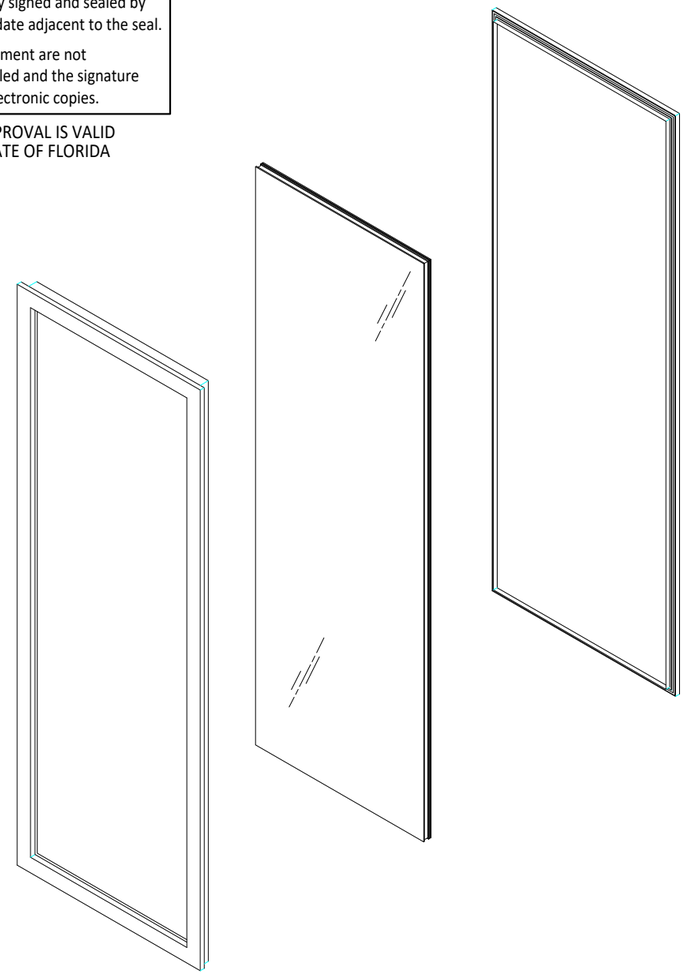

"Storm Series" Lite Frame Detail

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


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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: *TRIMLITE*

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

REVISIONS

| NO. | DATE | BY |
|---|---|---|
| 6 | 7/01/26 | LFS |
| 5 | 8/29/23 | LFS |
| 4 | 8/06/20 | LFS |
| 3 | 10/10/18 | RW |

UPDATE TO 9TH ED. (2026) FBC
UPDATE TO 8TH ED. (2023) FBC
UPDATE TO 7TH ED. (2020) FBC
ADD NOTE SHEET 3

DATE: 12/7/16
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SHEET 1 OF 9


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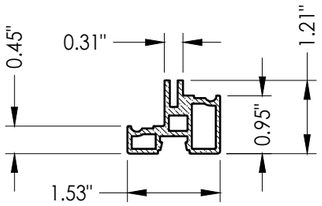
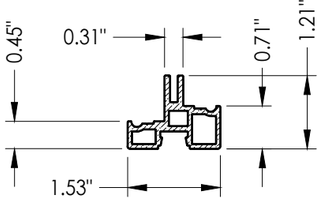
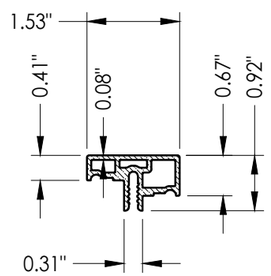


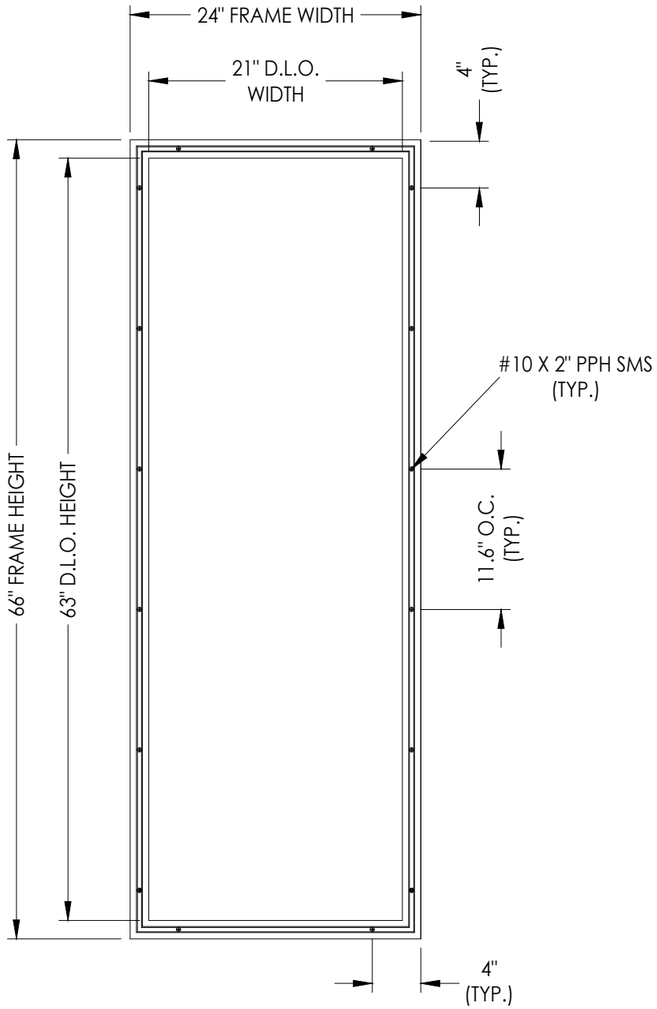

**2A** ***INTERIOR FRAME***
1" GLAZING



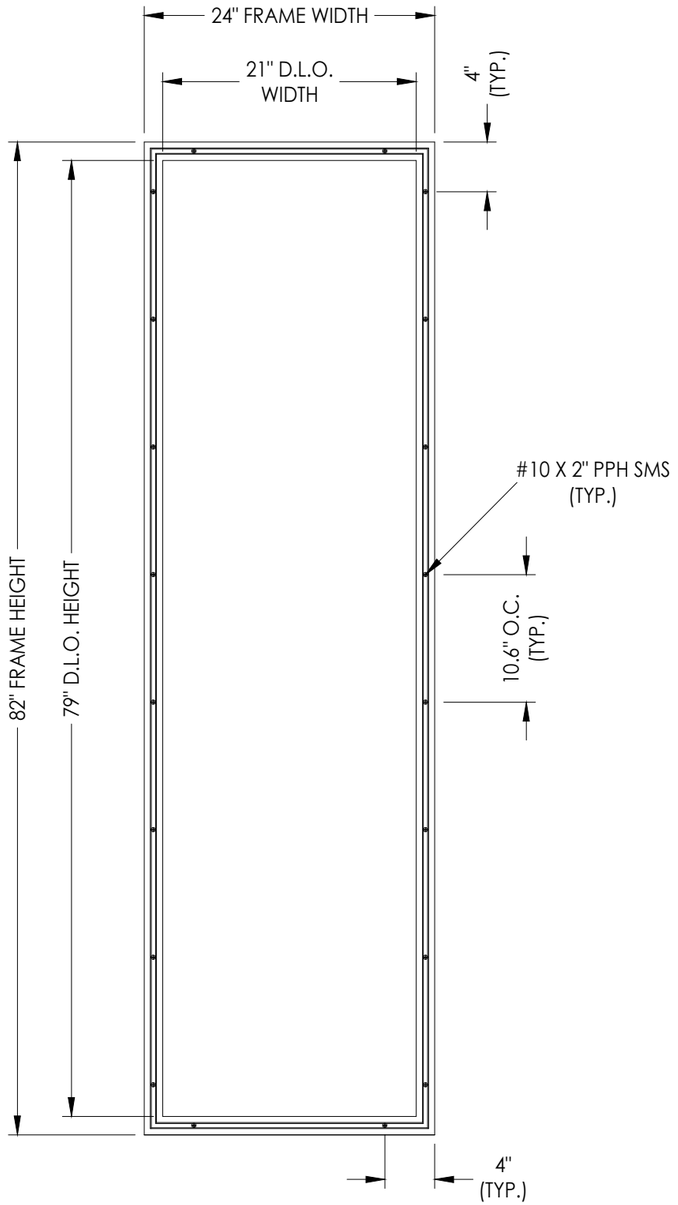

**2B** ***INTERIOR FRAME***
1-1/4" GLAZING




**2C** ***EXTERIOR FRAME***
1" & 1-1/4" GLAZING




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




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

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PRODUCT: *TRIMLITE*

PART OR ASSEMBLY: *LITE FRAME DETAILS*

| NO. | DATE | REVISIONS | BY |
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| 6 | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC | LFS |
| 5 | 8/29/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
| 4 | 8/06/20 | UPDATE TO 7TH ED. (2020) FBC | LFS |
| 3 | 10/10/18 | ADD NOTE SHEET 3 | RW |

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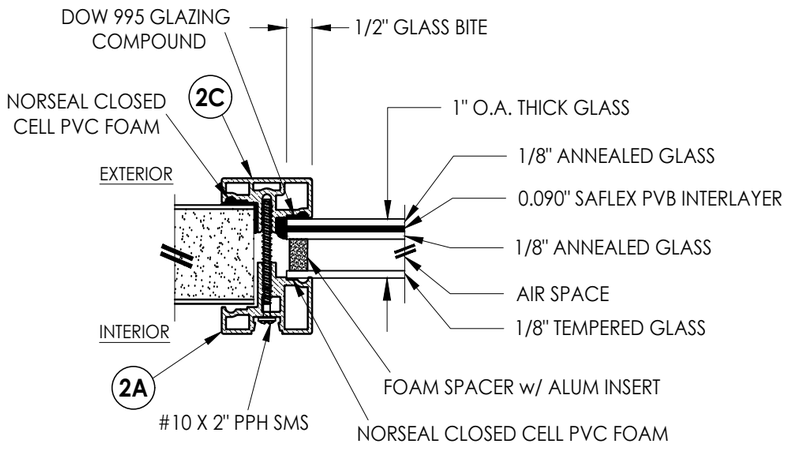
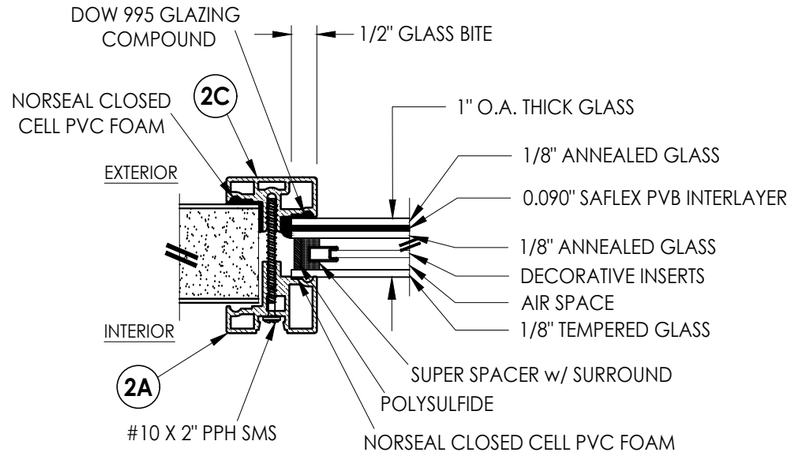
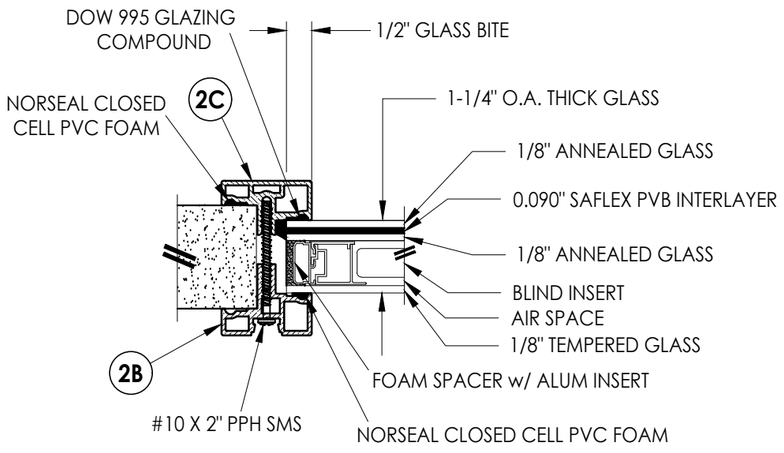



**G1** ***GLAZING DETAIL***
1" Insulated Laminated Glass




**G2** ***GLAZING DETAIL***
1" Insulated Laminated Glass
w/ Decorative Inserts




**G3** ***GLAZING DETAIL***
1-1/4" Insulated Laminated Glass
w/ Internal Blinds (See Note 1)

NOTE:
1. THE 1-1/4" INSULATED LAMINATED GLASS w/ INTERNAL BLINDS PRODUCT IS NOT APPROVED FOR USE AS A SUBSTITUTE DOORGLASS ASSEMBY IN A THERMA-TRU DOOR SYSTEM.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FBPE Registry No. 9813


PRODUCT: *TRIMLITE*

PART OR ASSEMBLY: *GLAZING DETAILS*

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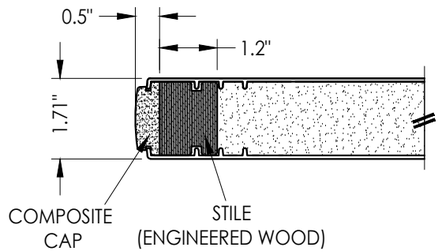


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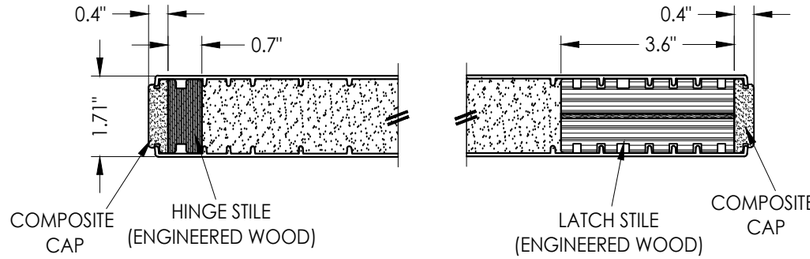


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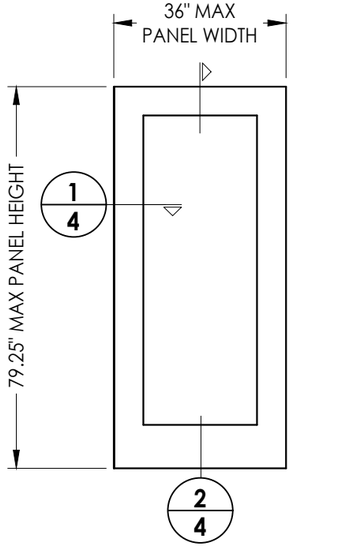
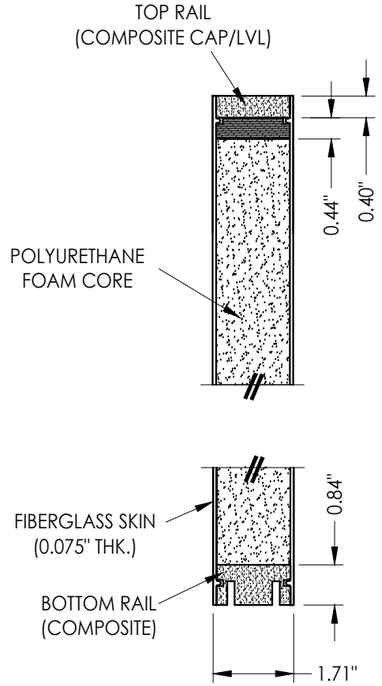



FIBERGLASS DOOR/SIDELITE PANEL
Therma-Tru 6'- 8"

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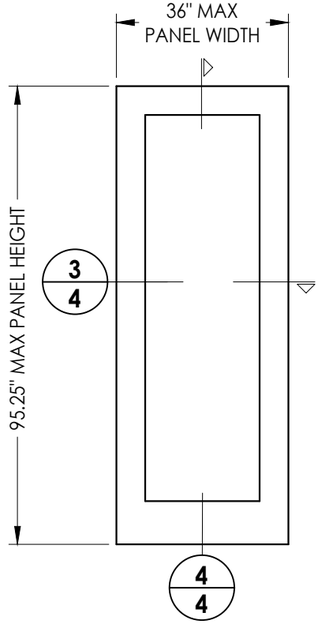
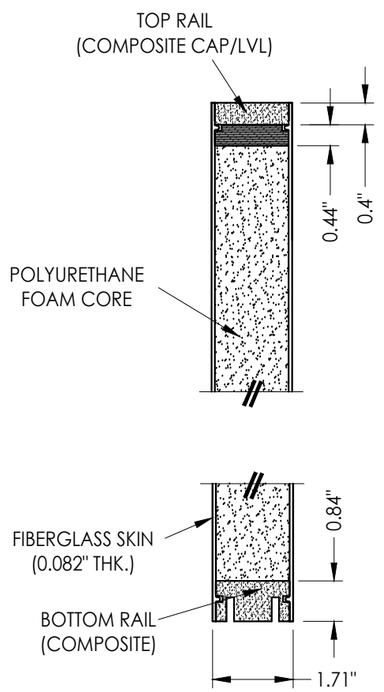



FIBERGLASS DOOR/SIDELITE PANEL
Therma-Tru 8'- 0"




4/4 ***VERTICAL CROSS SECTION***

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

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

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 6 | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC | LFS |
| 5 | 8/29/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
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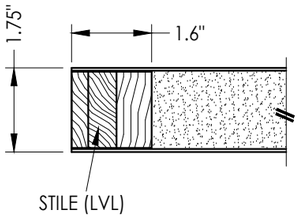
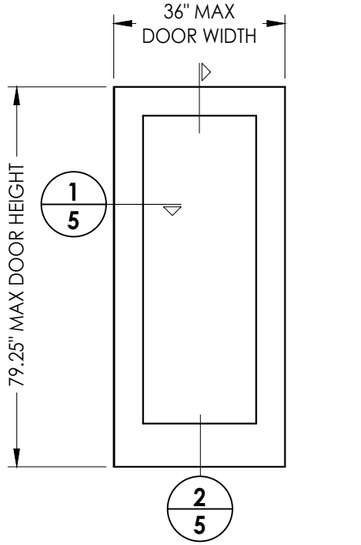
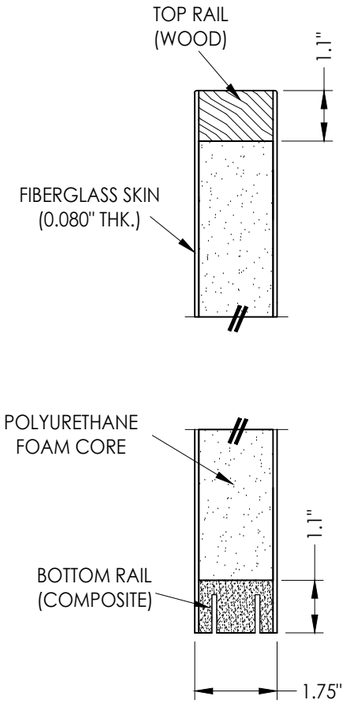



**1/5 *HORIZONTAL CROSS SECTION***




FIBERGLASS DOOR/SIDELITE PANEL
Masonite 6'- 8"

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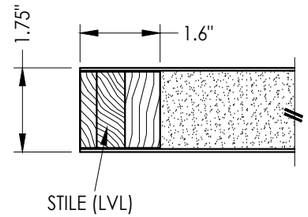


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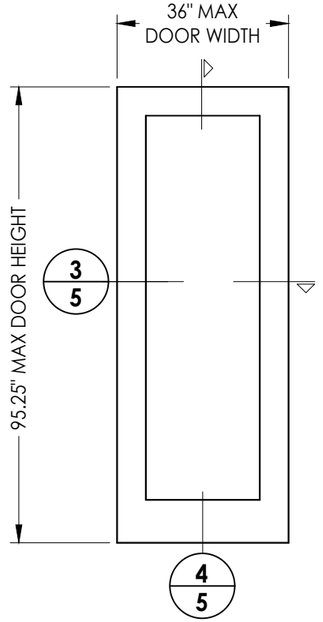
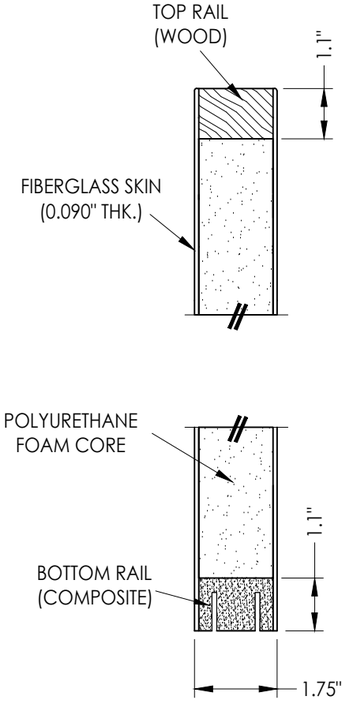



FIBERGLASS DOOR/SIDELITE PANEL
Masonite 8'- 0"




**4/5 *VERTICAL CROSS SECTION***

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

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

PRODUCT: *TRIMLITE*

PART OR ASSEMBLY: *DOOR PANELS DETAILS (MASONITE FIBERGLASS)*

REVISIONS

| NO. | DATE | BY |
|---|---|---|
| 6 | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC | LFS |
| 5 | 8/29/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
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| 3 | 10/10/18 | ADD NOTE SHEET 3 | RW |

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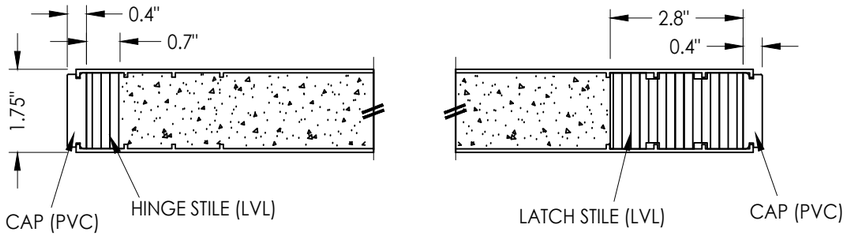
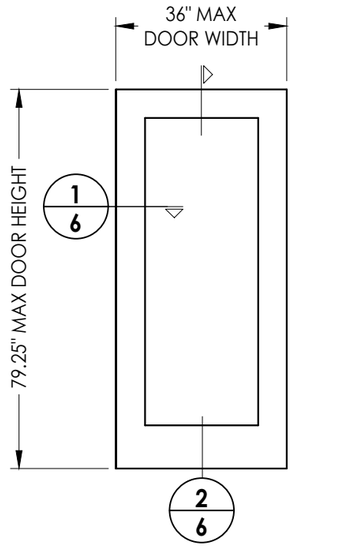
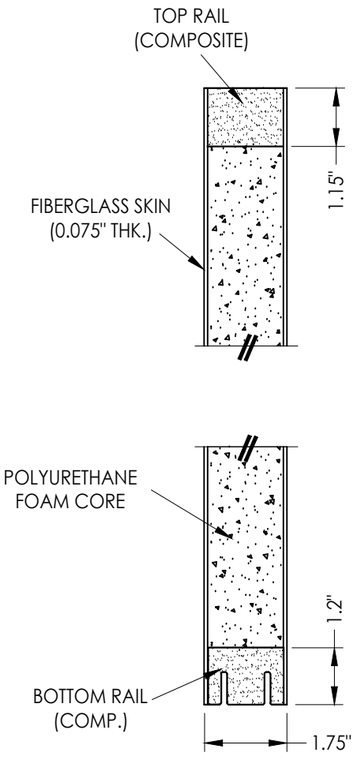



1/6 ***HORIZONTAL CROSS SECTION***




FIBERGLASS DOOR/SIDELITE PANEL
Plastpro 6'- 8"

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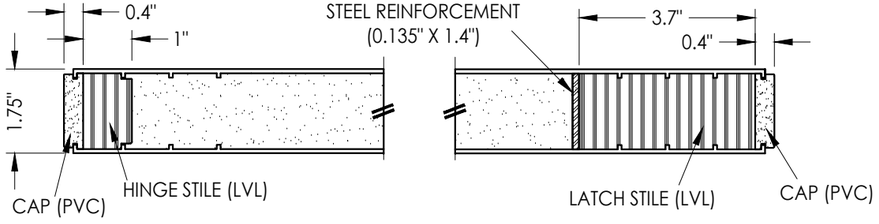


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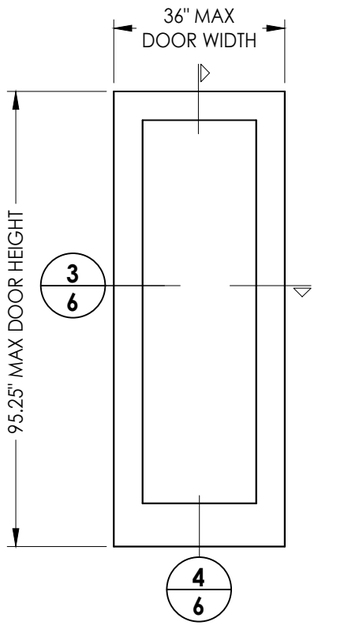
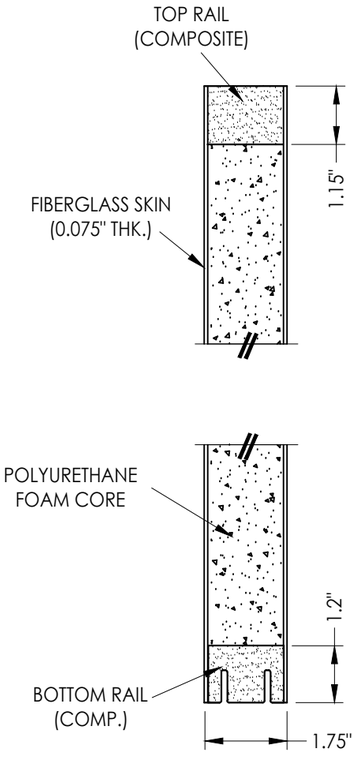



FIBERGLASS DOOR/SIDELITE PANEL
Plastpro 8'- 0"




4/6 ***VERTICAL CROSS SECTION***

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

PART OR ASSEMBLY: DOOR PANELS DETAILS (PLASTPRO FIBERGLASS)

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|---|---|---|---|
| 6 | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC | LFS |
| 5 | 8/29/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
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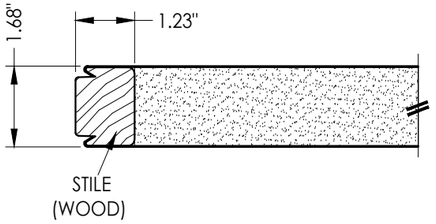
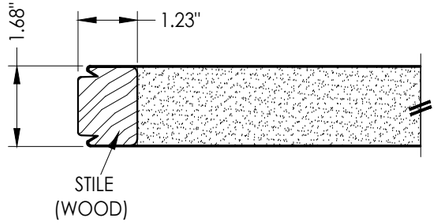
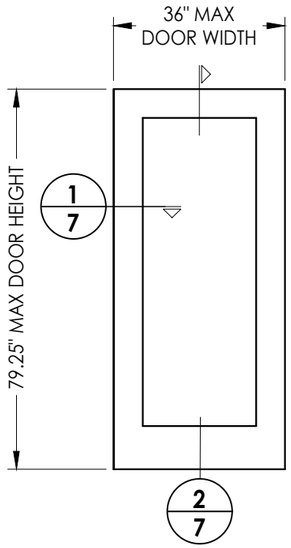


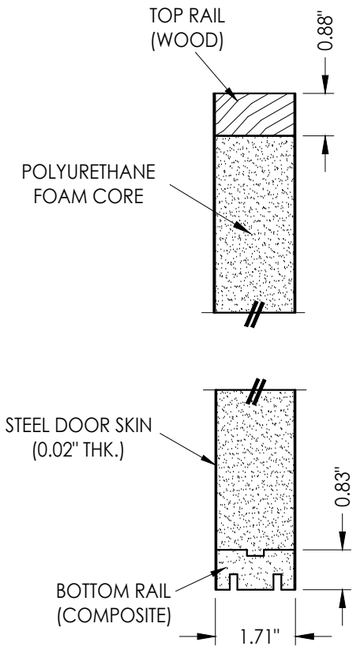

1/7 **HORIZONTAL CROSS SECTION**




3/7 **HORIZONTAL CROSS SECTION**




STEEL DOOR/SIDELITE PANEL
Therma-Tru 6'- 8"

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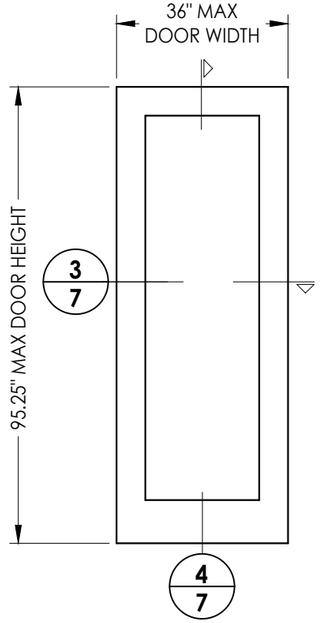
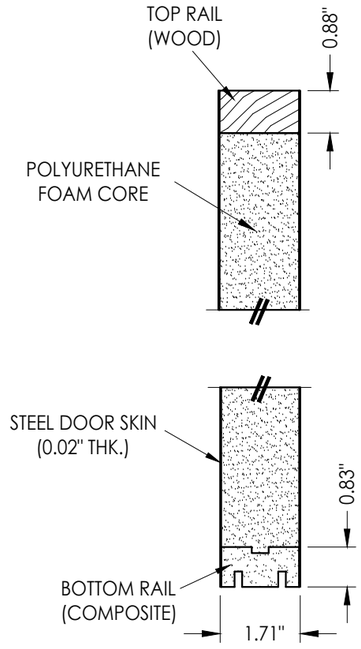



STEEL DOOR/SIDELITE PANEL
Therma-Tru 8'- 0"




4/7 **VERTICAL CROSS SECTION**

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

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

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

PRODUCT: *TRIMLITE*

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

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 6 | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC | LFS |
| 5 | 8/29/23 | UPDATE TO 8TH ED. (2023) FBC | LFS |
| 4 | 8/06/20 | UPDATE TO 7TH ED. (2020) FBC | LFS |
| 3 | 10/10/18 | ADD NOTE SHEET 3 | RW |

DATE: 12/7/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21462.1
SHEET 7 OF 9

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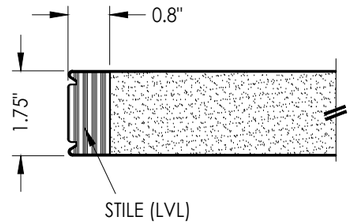
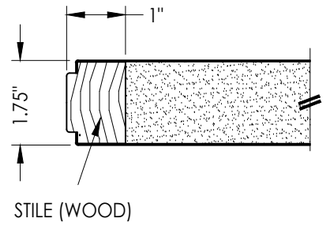
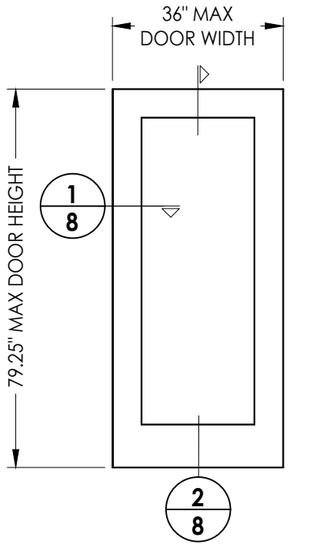


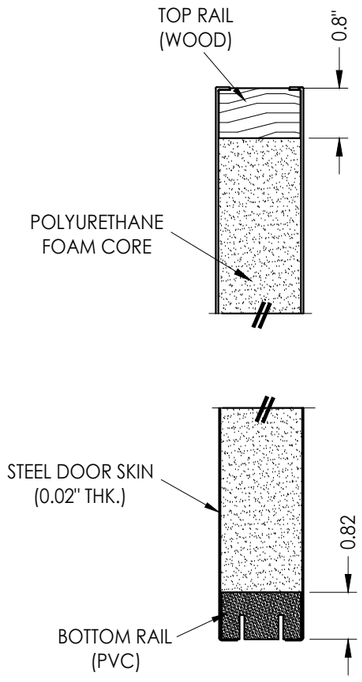

**1/8 HORIZONTAL CROSS SECTION**



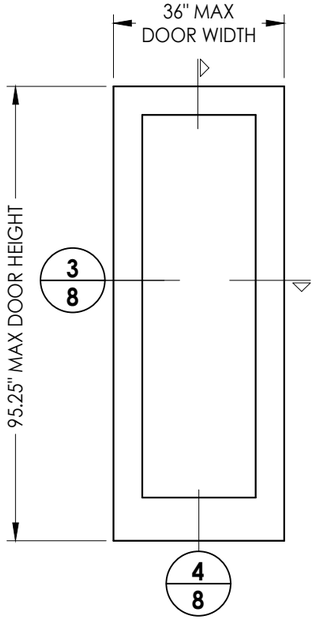

**3/8 HORIZONTAL CROSS SECTION**



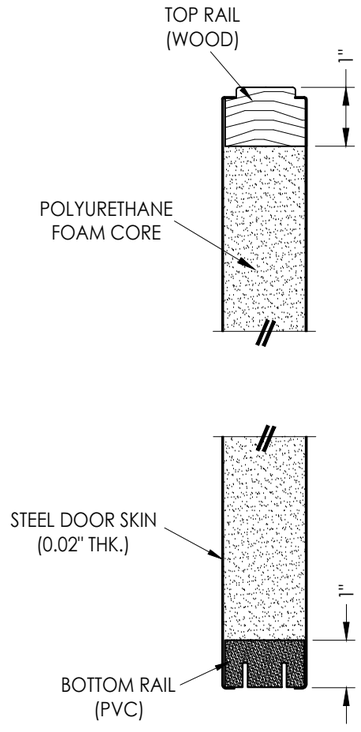

STEEL DOOR/SIDELITE PANEL
Masonite 6'- 8"




**2/8 VERTICAL CROSS SECTION**




STEEL DOOR/SIDELITE PANEL
Masonite 8'- 0"




**4/8 VERTICAL CROSS SECTION**

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

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TRIMLITE

PART OR ASSEMBLY: DOOR PANELS DETAILS (MASONITE STEEL)

| NO. | DATE | REVISIONS | BY |
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| 4 | 8/06/20 | UPDATE TO 7TH ED. (2020) FBC | LFS |
| 3 | 10/10/18 | ADD NOTE SHEET 3 | RW |

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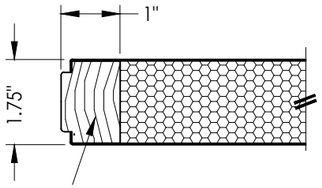
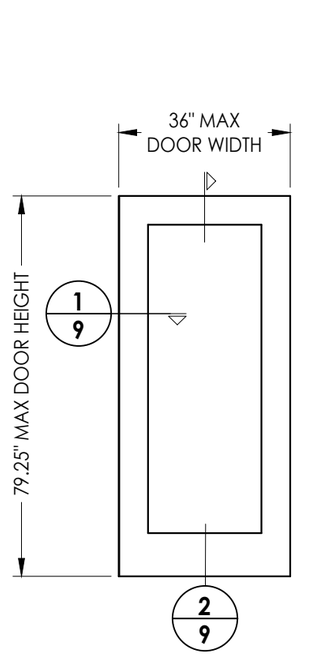
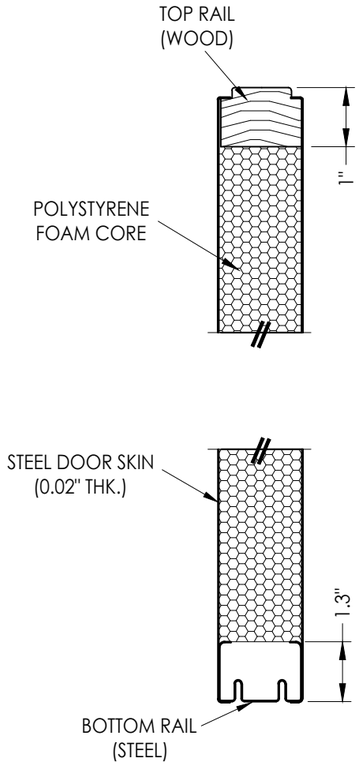


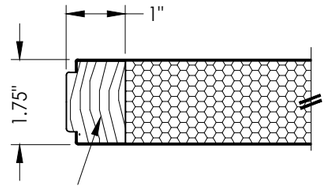

1/9 ***HORIZONTAL CROSS SECTION***



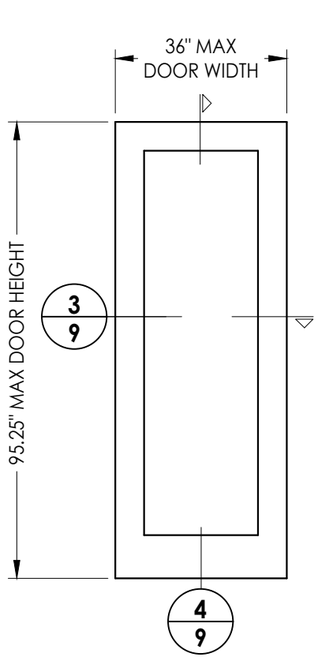

STEEL DOOR/SIDELITE PANEL
JELD-WEN 6'- 8"



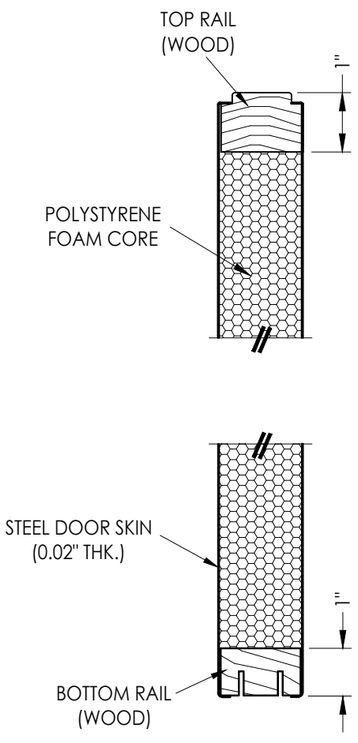

2/9 ***VERTICAL CROSS SECTION***




3/9 ***HORIZONTAL CROSS SECTION***




STEEL DOOR/SIDELITE PANEL
JELD-WEN 8'- 0"




4/9 ***VERTICAL CROSS SECTION***

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

Documents Prepared By:
Lyndon F. Schmidt
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: *TRIMLITE*

PART OR ASSEMBLY: *DOOR PANELS DETAILS (JELD-WEN STEEL)*

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