TRIMLITE

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

Digitally signed by Lyndon F Schmidt
Date: 2026.07.01 11:27:13 -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

"Solution" SERIES LITE FRAME ASSEMBLY

FOR GLAZING UP TO A 3'0" X 8'0" DOOR PANEL "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. 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.
3. This product is approved for use as a substitute doorglass assembly in conjunction with a glazed fiberglass 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 on sheet 1 of this approval or the DP rating shown in the glazed fiberglass 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 side hinged swing door or fixed sidelite approval being used.
6. The accompanying door approval shall be a glazed door product meeting the following minimum requirements:

   SINGLE GLAZED FIBERGLASS DOOR:

   A. 1-3/4" minimum panel thickness.
   B. Fiberglass face sheet: 0.075" min. thickness
   C. Stiles: Pine 1.53" x 1.18"
   D. Rails: Composite 1.53" x 0.94"
   E. Foam Core (FBC Approved): Polyurethane (min. 2.0 lbs./cu.ft.) or Polystyrene (min. 1.0 lbs./cu.ft.)

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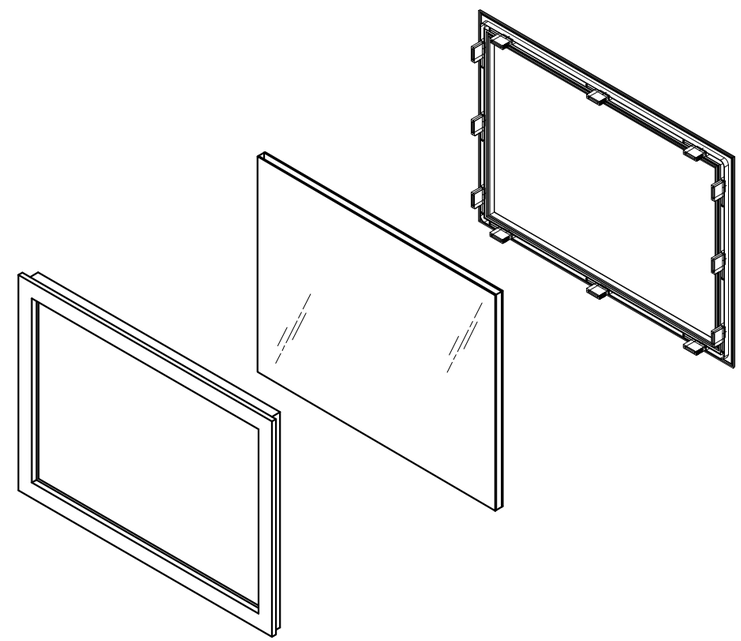
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Lite Frame Details



"Solution" Series Lite Frame Detail

MAXIMUM DESIGN PRESSURE RATING (PSF)		
GLAZING TYPE	POSITIVE	NEGATIVE
1" INSULATED GLASS	**+55.0**	**-60.0**

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: TRIMLITE

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

REVISIONS

NO.	DATE	BY
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	8/29/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC	LFS

DATE: 7/23/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21462.3
SHEET 1 OF 2

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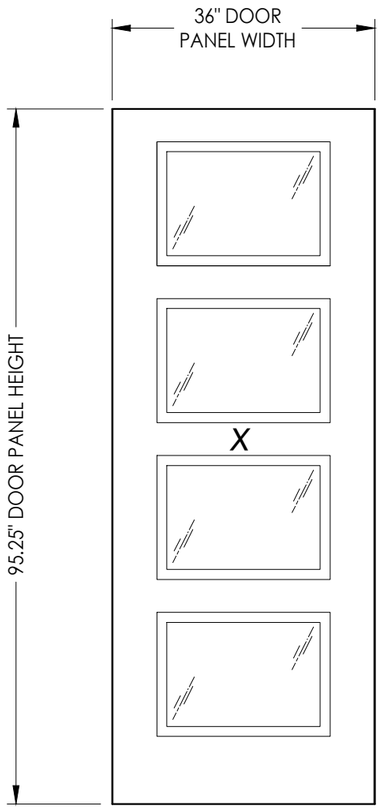
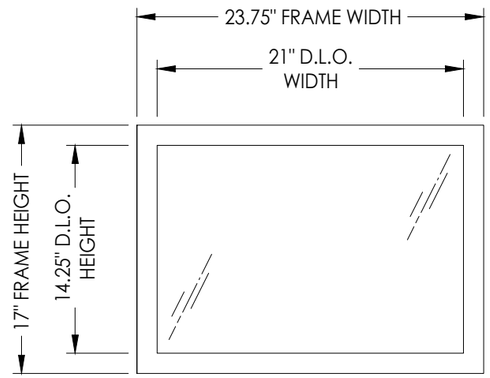
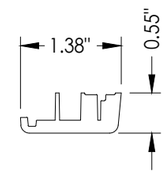


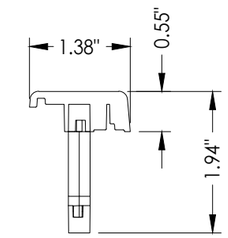
8'-0" DOOR PANEL



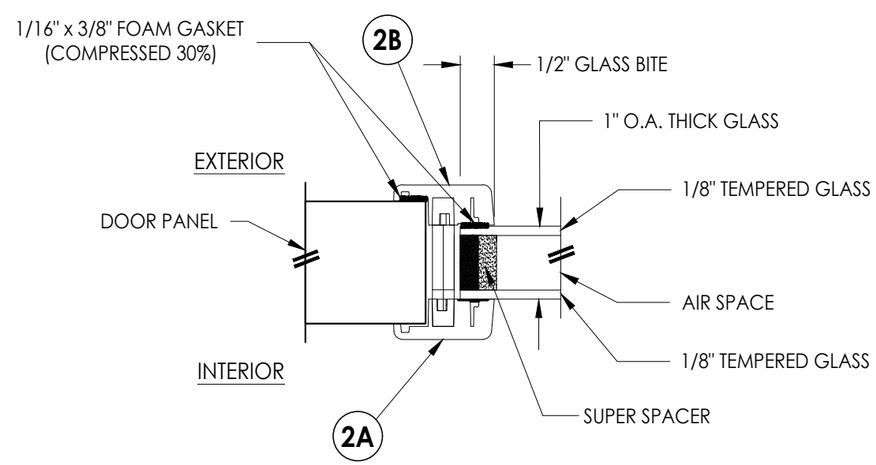
"SOLUTION" SERIES LITE FRAME



2A ***INTERIOR FRAME***
ABS



2B ***EXTERIOR FRAME***
ABS



GLAZING DETAIL

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PRODUCT: TRIMLITE

PART OR ASSEMBLY: LITE FRAME DETAILS

REVISIONS

NO.	DATE	BY
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DATE: 7/23/18
SCALE: N.T.S.
DWG. BY: JK
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DRAWING NO.: FL-21462.3
SHEET 2 OF 2

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