



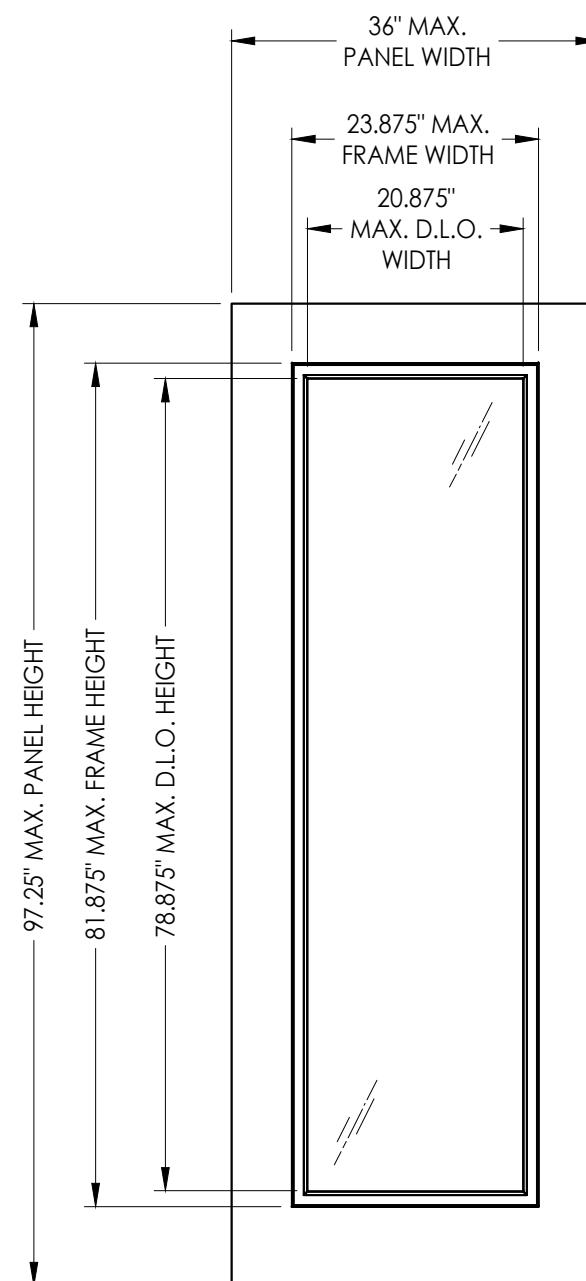
CENTURION LITE FRAME INSERT

DOORGLASS ASSEMBLY
FOR GLAZING UP TO A 3'0 x 8'0" SINGLE PANEL
"NON-IMPACT"

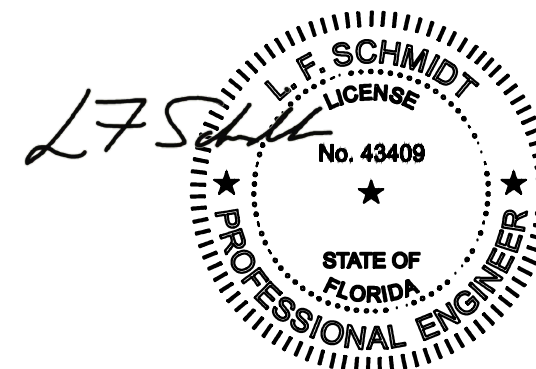
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including the High Velocity Hurricane Zone (HVHZ).
2. When used in the "HVHZ", this product is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
3. This product meets the water infiltration requirements for "HVHZ".
4. 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.
5. 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.
6. 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.
7. This product has been tested in the door and/or sidelite panels as specified on Sheets 3 & 4 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 door and/or sidelite used must possess a comparable current Florida Statewide product approval.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Life frame & glazing details
3	Fiberglass door panels (6'-8")
4	Fiberglass door panels (8'-0")



DESIGN PRESSURE RATING (PSF)			
DOOR TYPE	DOOR HEIGHT	POSITIVE	NEGATIVE
FIBERGLASS	6'-8"	+60.0	-60.0
	8'-0"	+50.0	-50.0



Digitally signed by Lyndon F
Schmidt
Date: 2026.10.12 16:50:20 -04'00'

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

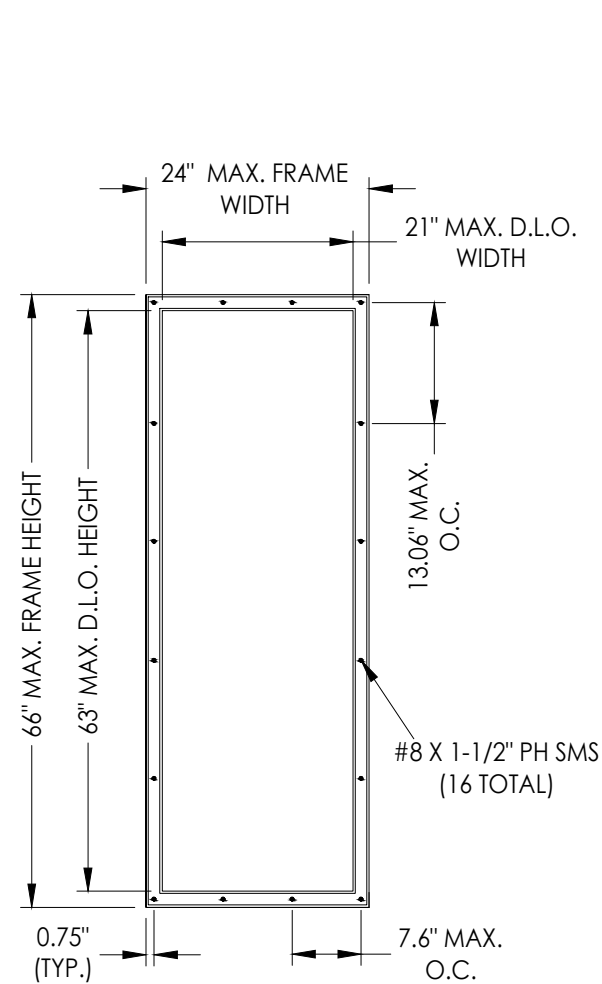
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

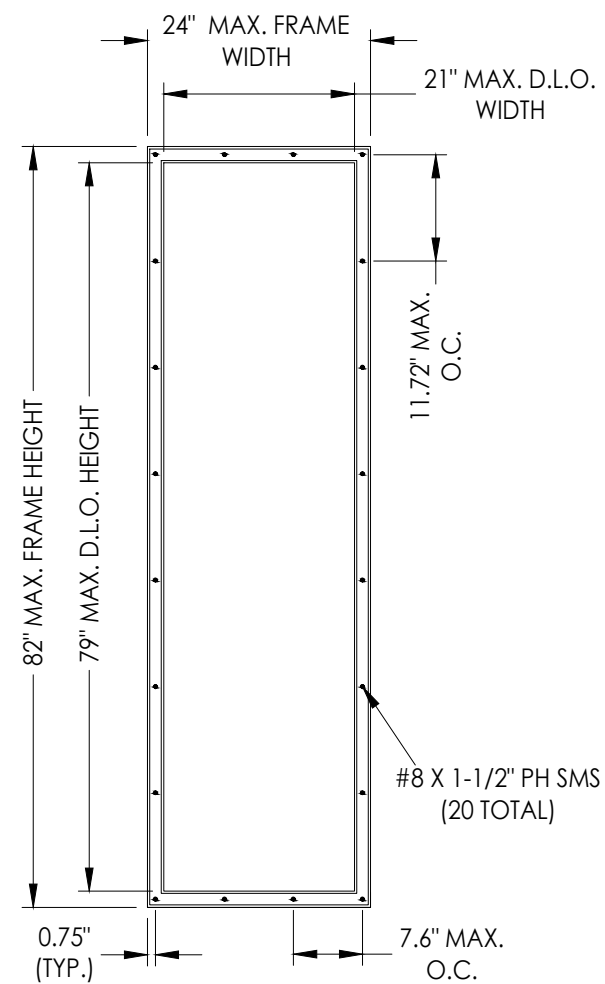
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

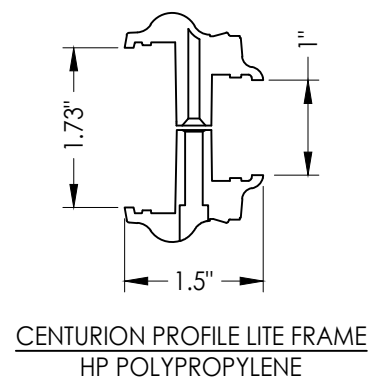
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813



CENTURION PROFILE LITE FRAME
6'-8" DOOR/SIDELITE

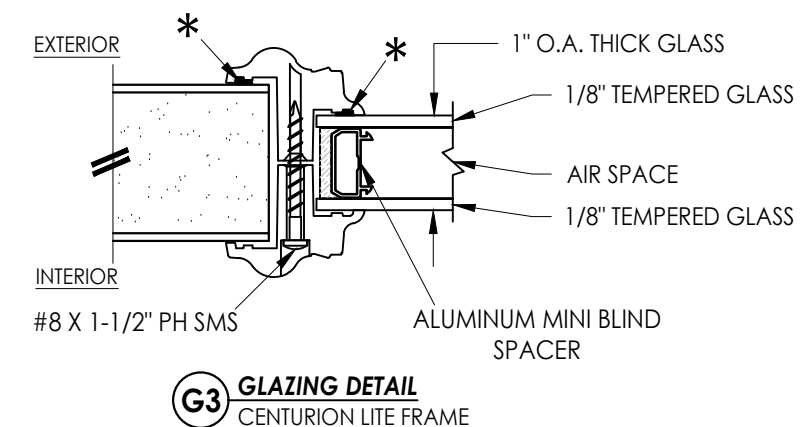
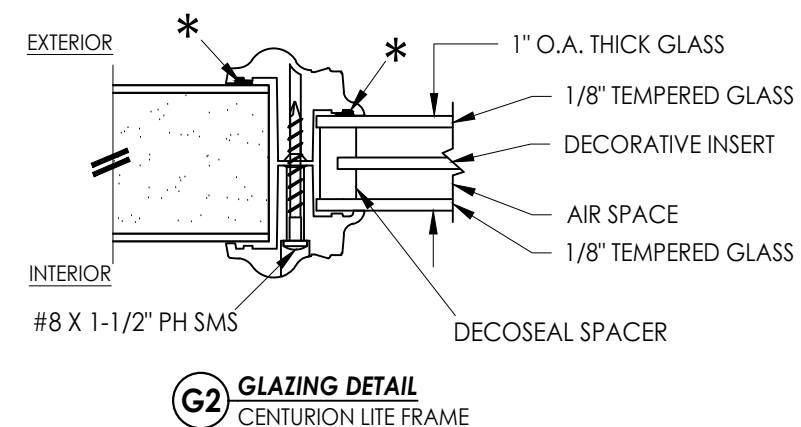
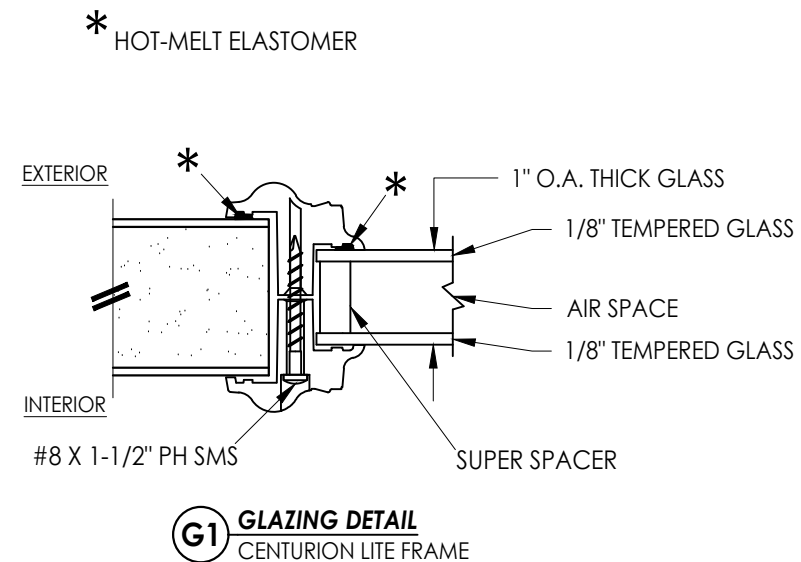


CENTURION PROFILE LITE FRAME
8'-0" DOOR/SIDELITE

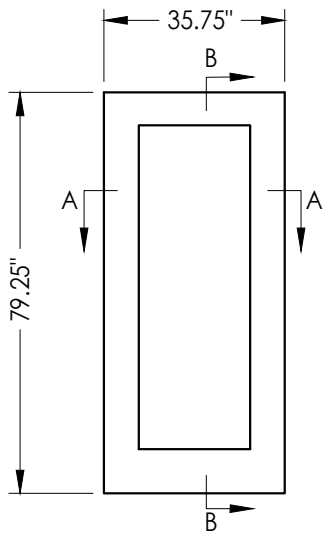
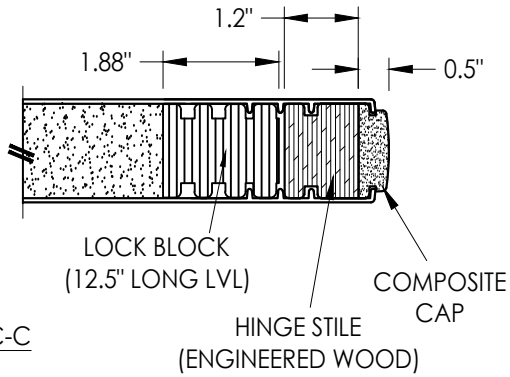
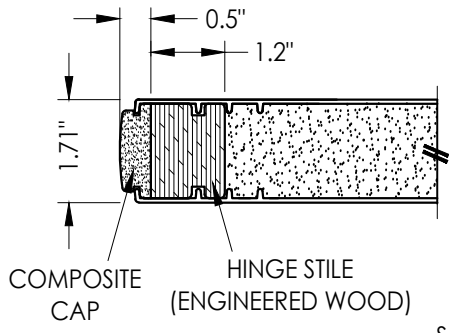
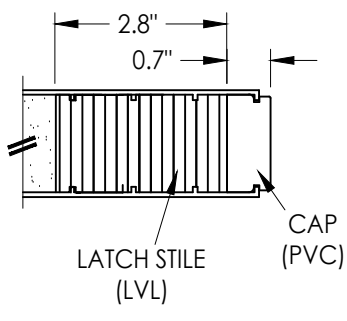
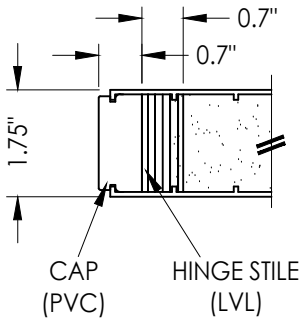


CORROSION RESISTANCE - SALTWATER ENVIRONMENTS

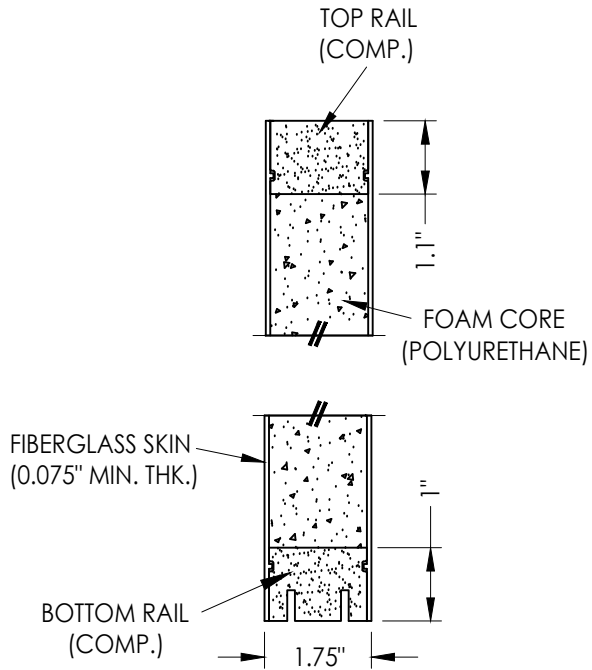
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

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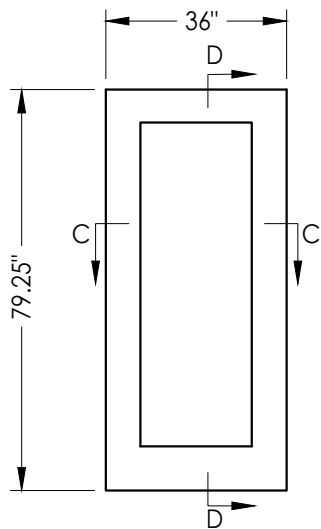
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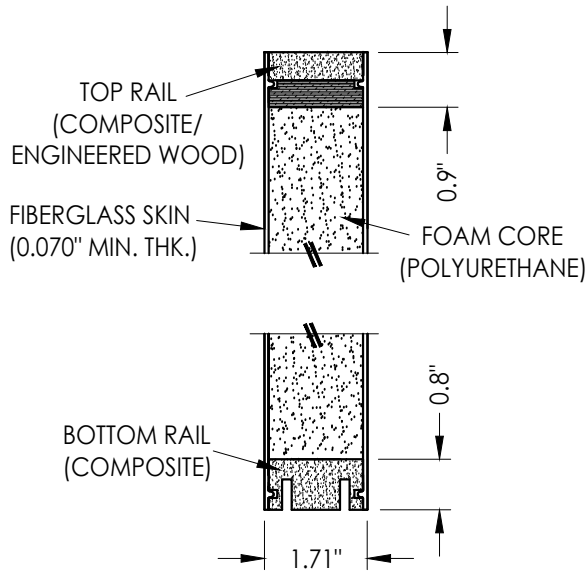
FIBERGLASS DOOR PANEL
Plastpro 6'-8"



SECTION B-B



FIBERGLASS DOOR PANEL
Therma-Tru 6'-8"



SECTION D-D

Documents Prepared By:
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PRODUCT: MASONITE
CENTURION LITE FRAME

PART OR ASSEMBLY:
FIBERGLASS DOOR PANELS
(6'-8")

NO.	DATE	REVISIONS
2	9/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 10/05/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-41718.1

SHEET 3 OF 4

Technical drawing of a rectangular composite panel, showing top, side, and cross-sectional views with dimensions and material labels.

Top View: A rectangle with overall dimensions of 35.75" (width) and 95.25" (height). The inner rectangular opening has dimensions E (width) and F (height). Arrows labeled E and F indicate the dimensions of the inner opening.

Side View: Shows the panel's thickness, which is 1.2". The top and bottom rails are labeled "TOP RAIL (PVC)" and "BOTTOM RAIL (PVC)" respectively. The central core is labeled "FOAM CORE (POLYURETHANE)".

Cross-sectional View: Shows the internal structure of the panel. The top and bottom rails are labeled "TOP RAIL (PVC)" and "BOTTOM RAIL (PVC)". The central core is labeled "FOAM CORE (POLYURETHANE)". The thickness of the rails is 1.2". The width of the panel is 1.75". The fiberglass skin is labeled "FIBERGLASS SKIN (0.075" MIN. THK.)".

The image contains two technical cross-section drawings of door stiles. The left drawing is labeled 'HINGE STILE (ENGINEERED WOOD)' and shows a vertical section with a 'COMPOSITE CAP' at the top, a central core of 'HINGE STILE (ENGINEERED WOOD)', and a 'COMPOSITE CAP' at the bottom. Dimensions include a total height of 1.71", a top cap thickness of 0.5", and a core thickness of 0.7". The right drawing is labeled 'LOCK STILE (ENGINEERED WOOD)' and shows a vertical section with a 'COMPOSITE CAP' at the top, a central core of 'LOCK STILE (ENGINEERED WOOD)', and a 'COMPOSITE CAP' at the bottom. Dimensions include a total height of 3.6" and a top cap thickness of 0.5". Both drawings show a central core with a vertical grain pattern, likely representing engineered wood, and a surrounding composite cap with a stippled pattern.

The technical drawing illustrates the deck railing system with the following components and dimensions:

- Plan View:** Shows a rectangular railing assembly with an overall width of 36" and a height of 95.25". The railing is defined by a top rail (H), a bottom rail (H), and two side rails (G).
- Cross-Section H-H:** Shows the top rail assembly. It consists of a TOP RAIL (COMPOSITE/ENGINEERED WOOD) with a thickness of 0.9", a FIBERGLASS SKIN (0.070" MIN. THK.), and a FOAM CORE (POLYURETHANE).
- Cross-Section I-I:** Shows the bottom rail assembly. It consists of a BOTTOM RAIL (COMPOSITE) with a thickness of 0.8" and a width of 1.71".

Diagram illustrating the cross-section of a composite deck railing system. The system consists of a TOP RAIL (COMPOSITE/ENGINEERED WOOD) and a BOTTOM RAIL (COMPOSITE). The rail is filled with a FOAM CORE (POLYURETHANE) and has a FIBERGLASS SKIN (0.070" MIN. THK.) on the exterior. The total height of the rail is 0.9", and the total width is 1.71". The bottom rail is 0.8" high.

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