

THE LIMITED EDITION GLASSWORKS, INC.
IMPACT-RESISTANT PVC LITE-KIT ASSEMBLY
(Component Approval)

GENERAL NOTES AND LIMITATIONS

This Product Has Been Designed To Comply With the HVHZ Requirements of the Florida Building Code, 8th Edition (2023).

In Windborne Debris Regions, Hurricane Shutters SHALL NOT be Required When This Product is Used In Conjunction With a Miami-Dade County Approved Large Missile Impact Resistant Door Panel Meeting the Specifications Below.

Glazing Options are Shown on Sheet 2

LIMITATIONS

This Impact-Tested Lite Kit Assembly (as a Component) is to be used as a Substitute to a Similar Assembly in an Impact-Tested Single Glazed Door System of Same or Superior Construction Holding a Current Miami-Dade County Notice of Acceptance or Florida Product Approval.

The Lower Design Pressure of This Product, or the Approved Impact-Tested Door System Shall Control.

This Product SHALL NOT be Used or Approved With an Opaque Door System NOA.

SPECIFICATIONS FOR ACCEPTABLE DOOR PANELS

Impact-Tested Door System Shall Hold a Current Miami-Dade County NOA or Florida Product Approval, and Meet The Minimum Requirements Listed Below to be Used With This Component Approval.

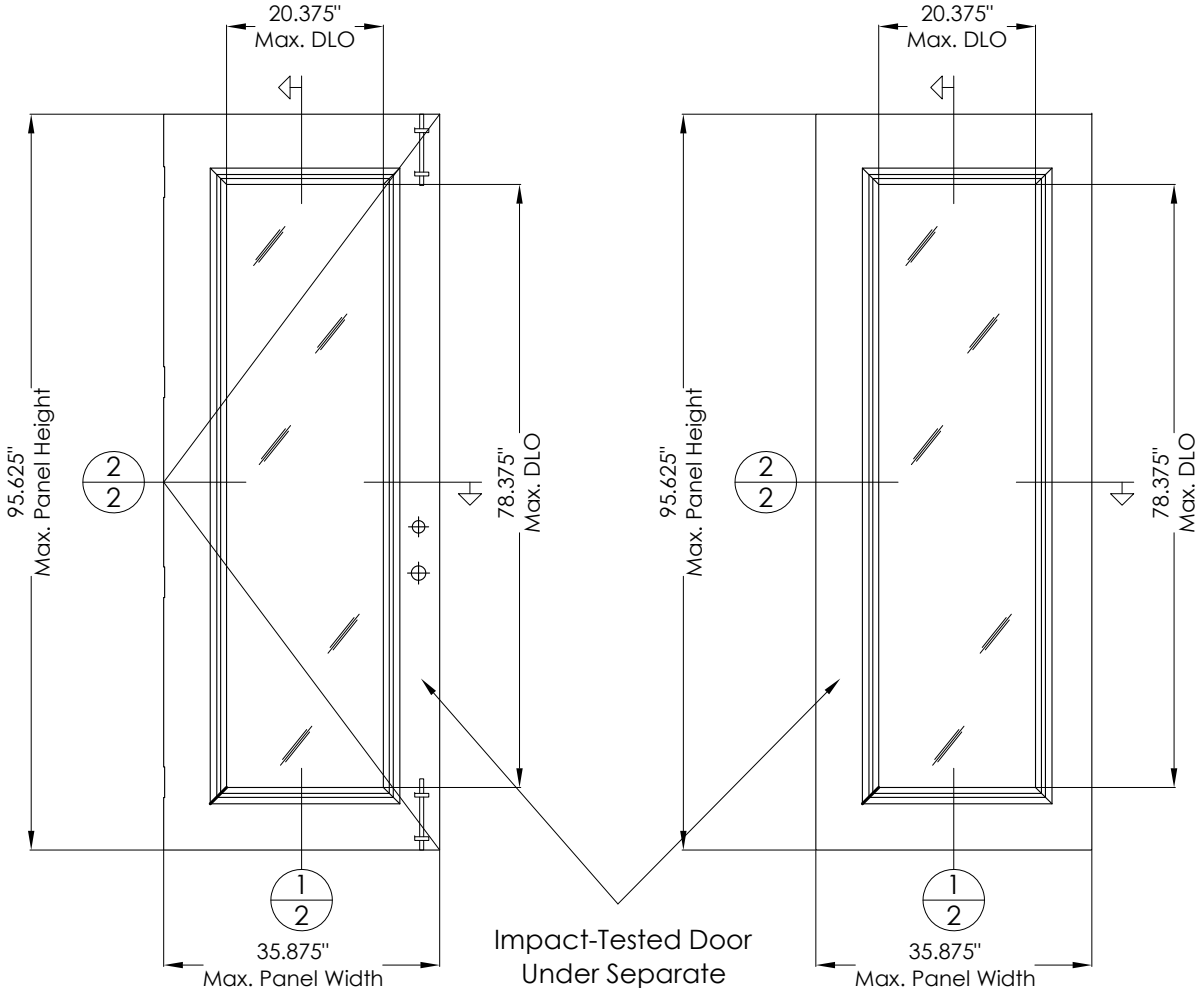
1. Single-Glazed Fixed, Single-Glazed Outswinging, or Single-Glazed Inswinging (Swinging Doors Require (2) Surface Bolts on Active Panel).
2. Maximum Nom. Panel Size: 36" x 96".
3. Minimum Panel Thickness: 1 3/4".
4. Interior Filled with Rigid Polyurethane Foam Complying With FBC Plastics Requirements.
5. Steel- or Fiberglass-Clad as Follows:

FIBERGLASS DOOR PANELS

Skin: 0.075" Min. Thick Fiberglass (Fy Min = 5,403 psi. after Weathering Test per Section 2615 of FBC, 7th Ed. [2020]).
Rails: 0.96875" Wood Composite.
Stiles: 1.625" Laminated Lumber.

STEEL DOOR PANELS

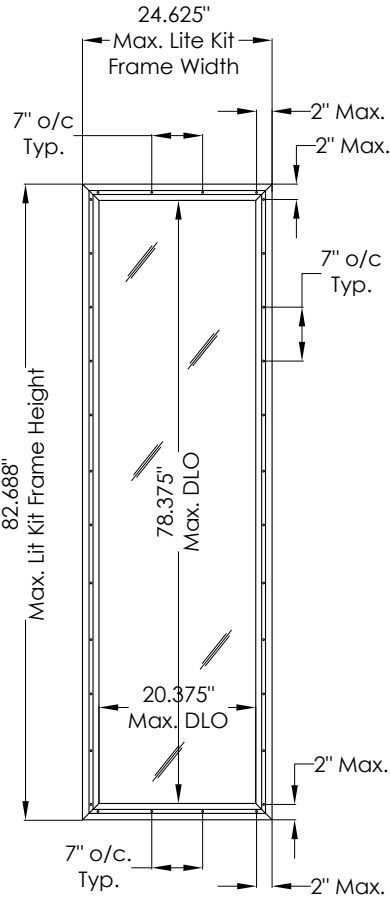
Skin: Minimum 26 Gauge (0.017") Steel w/Fy Min = 43,270 psi.
Edges: Wood, Wood-Composite (Min. 31/32" Top & Bottom Rails, or Roll-Formed Steel.



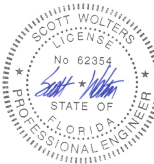
SINGLE-GLAZED
SWINGING DOOR PANEL
(2) Surface Bolts on Active Panel

FIXED DOOR PANEL

LITE-KIT DESIGN PRESSURE RATING (All Configurations Shown)	
+60 psf	-60 psf



LIMITED EDITION
GLASSWORKS
LITE KIT ONLY



Digitally signed
by Scott Walters
Date: 2025.08.22
12:37:59 -04'00'

SEAL:

SCOTT WALTERS
FL PE# 62354

WALTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

REVISIONS	
No	Description
1	2023 Code Update
-	1st Submittal

IMPACT-RESISTANT PVC LITE-KIT ASSEMBLY
(Component Approval)

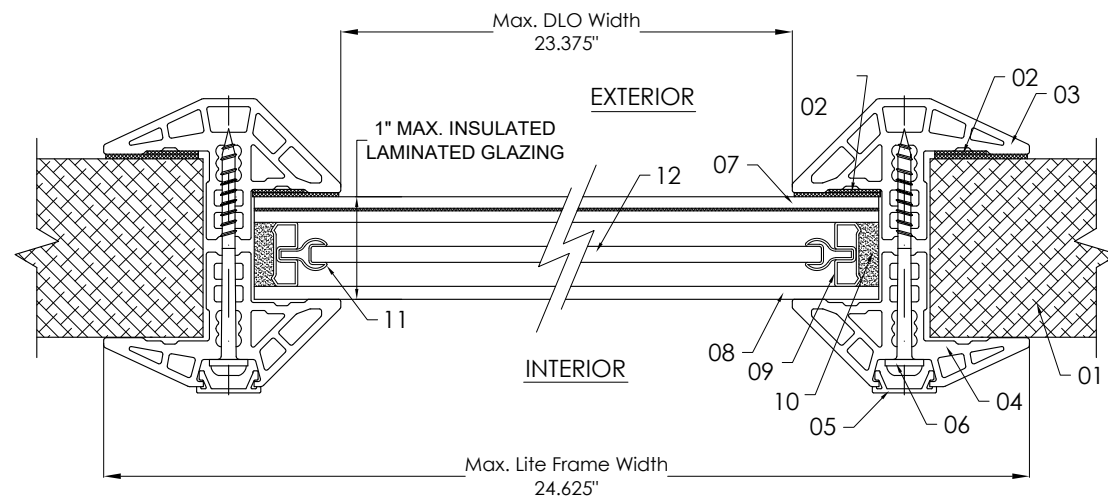
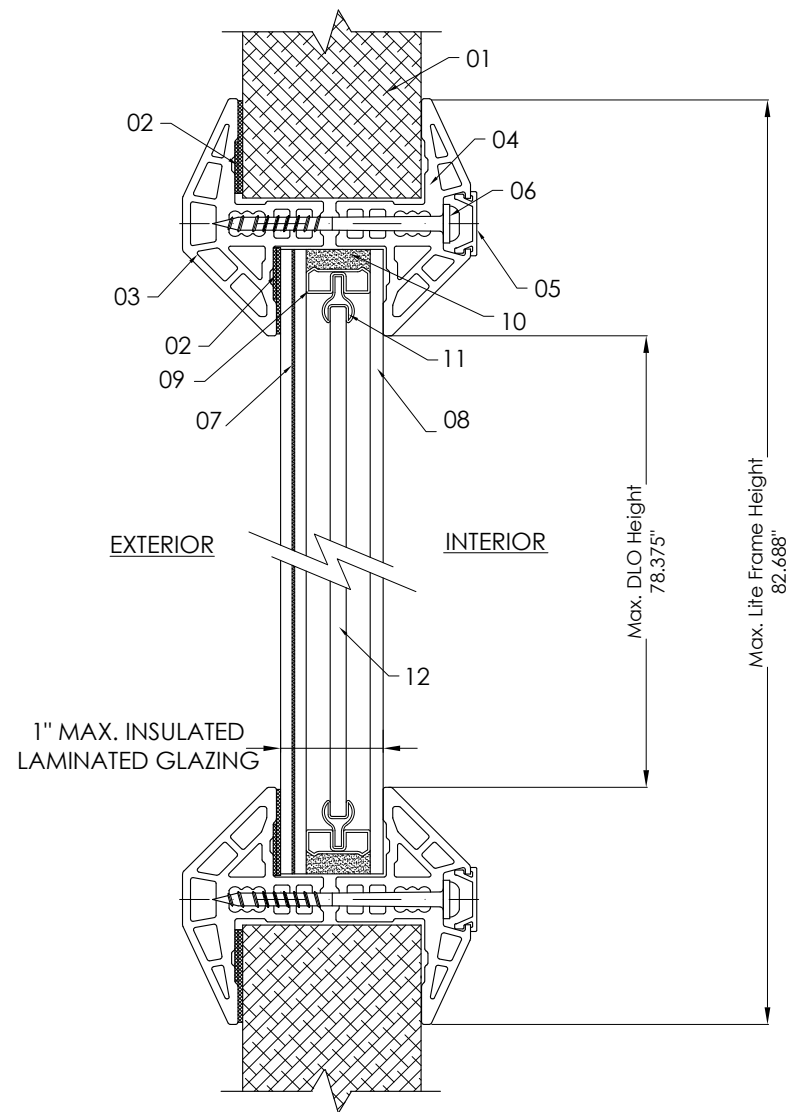
**THE LIMITED EDITION
GLASSWORKS, INC.**
51 Delta Park Blvd., Brampton, ON L6T 5E7 Canada
Tel: (905) 791-8200 Fax: (905) 791-1545

DWG: LEGW-HZ

SHEET: 1/2

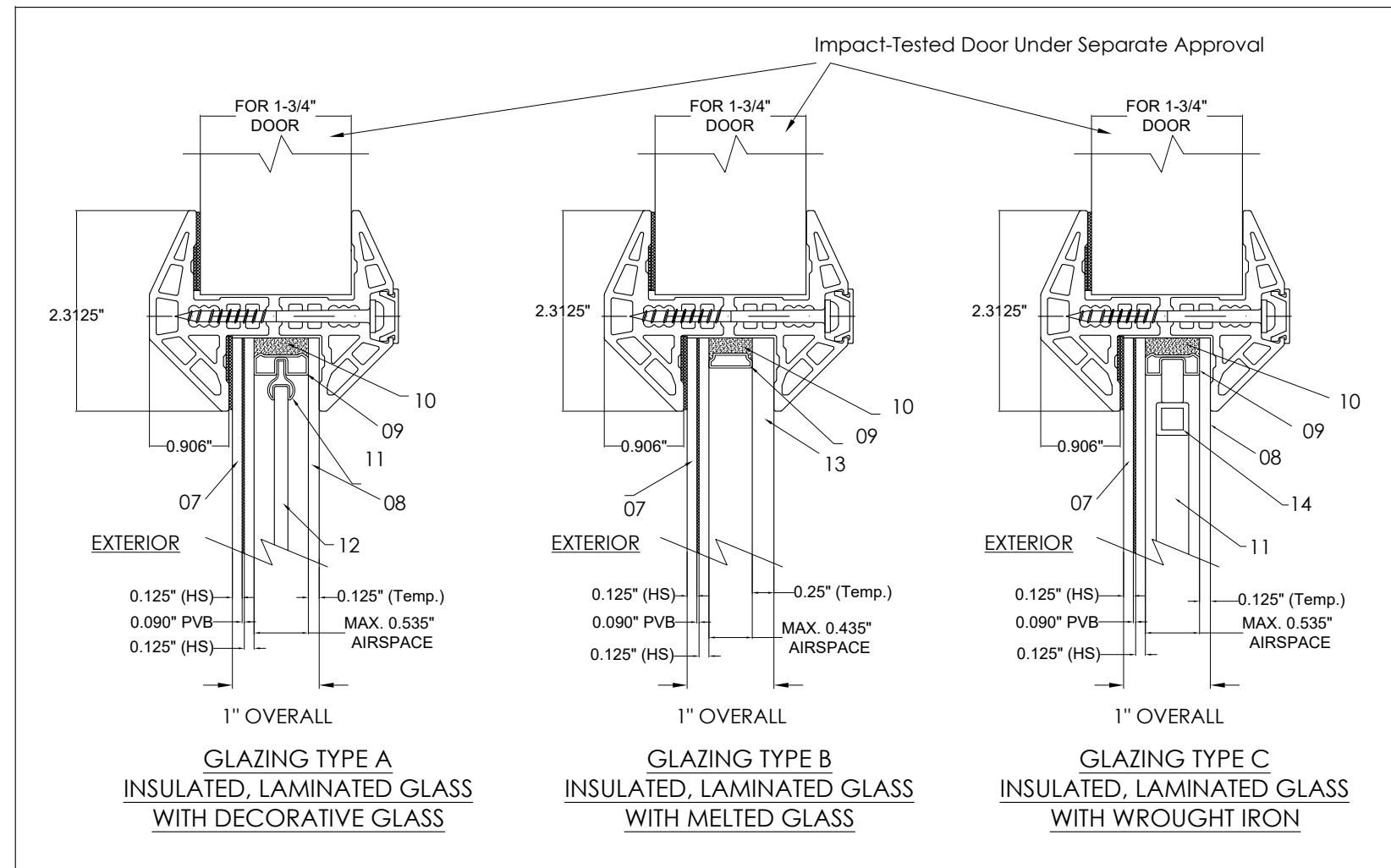
1
2

VERTICAL CROSS SECTION



2
2

HORIZONTAL CROSS SECTION



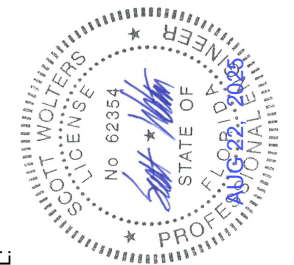
BILL OF MATERIALS

#	Description	Material	Type	Dimensions	Note
01	Miami-Dade or Florida Approved Impact-Tested Door ¹			1.75" x 36" x 96"	See Specs on Sheet 1
02	Double Coated Tape	Acrylic	3M VHB 4941	0.09" x .75"	L = 408"
03	External Frame	White PVC ³		1.375" x 2.125"	Vision Extrusions, Ltd
04	Internal Frame	White PVC ³		1.3125" x 2.3125"	Vision Extrusions, Ltd
05	Cover for Internal Frame	White PVC ³		0.222" x 0.625"	Vision Extrusions, Ltd
06	Deep Threaded Screw	Steel	Flanged Panhead	# 8 x 2.25"	2" From Corners, 7" o/c.
07	Laminated Glass ² (Part of Overall Insulated Glass)			5/16" x 22" x 80"	Guardian
08	Nom 1/8" Tempered Glass (Part of Overall Insulated Glass)			1/8" x 22" x 80"	Guardian
09	Door Lite Spacer	Aluminum	DRL 125		RPM Rollforming
10	Two Component Sealant	Polysulphide	Thiover		Fenzi
11	Y - Caming Profile	Brass / Zinc	BY-916 CAMEN		RPM Rollforming
12	Decorative Glass Panel				Limited Edition
13	1/4" Tempered Melted Glass (Part of Overall Insulated Glass)			1/4" x 22" x 80"	Guardian
14	Wrought Iron Panel				Limited Edition

¹ - Refer to Sheet 1 For Specifications For Acceptable Door Panels

² - Insulated Laminated Glass - (2) Lites of Nom. 1/8" HS Glass with 0.090" PVB Interlayer. The interlayer Shall be Either SAFLEX by Eastman Chemical Co or TROSIFOL by KURARAY AMERICA.

³ - Extrusion to be Labelled with AAMA's PVC Extrusion Certification Label, "MDCA" and Extrusion Number.



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REVISIONS		Description	
No	Date	By	
1	8/22/25		2023 Code Update
-	12/17/21		1st Submittal

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