



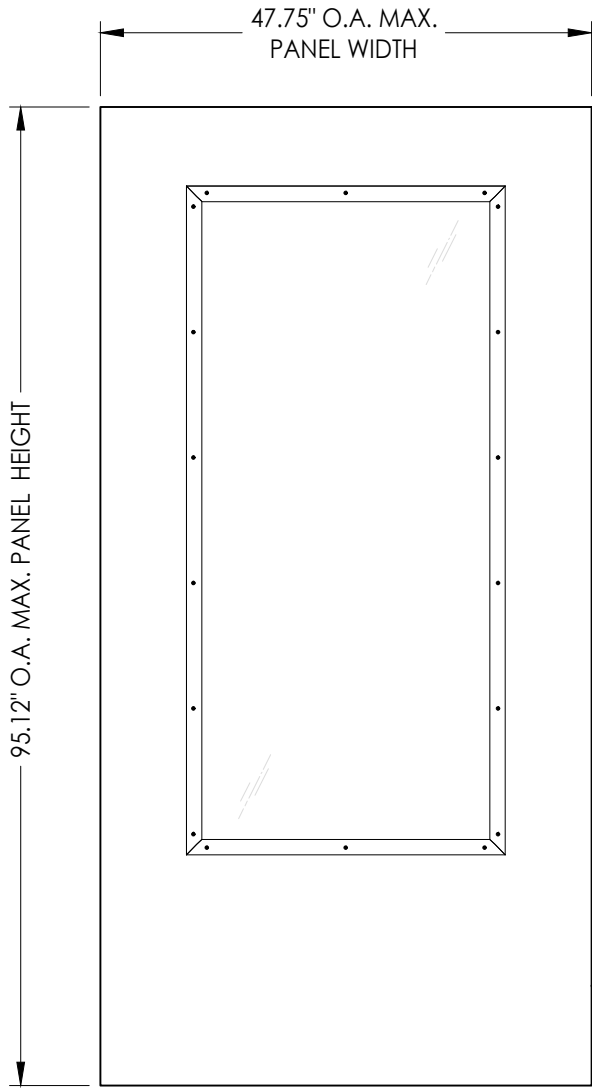
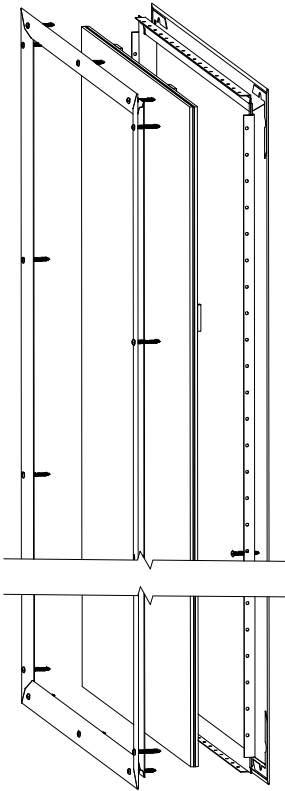
NATIONAL GUARD PRODUCTS, INC.

STORM-PRO-HR LITE KIT FRAME
(STORM-PRO™-HR)
DOORGLASS ASSEMBLY
FOR GLAZING in a 4'0 x 8'0" SINGLE PANEL
"IMPACT"

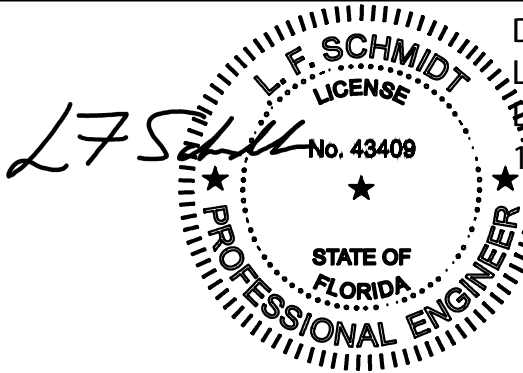
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the High Velocity Hurricane Zone (HVHZ).
2. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
3. When used in areas outside of the "HVHZ" 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.
4. This product meets the water infiltration requirements for the "HVHZ".
5. This product is approved for use as a substitute doorglass assembly in conjunction with a glazed steel side hinged swing door and/or fixed sidelite possessing a comparable current Florida Statewide product approval.
6. 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 steel side hinged swing door or fixed sidelite approval being used.
7. The door panel and lite opening size shall not exceed the sizes shown in this approval or the glazed steel side hinged swing door or fixed sidelite approval being used.
8. This product has been tested in the door and/or sidelite panels as specified on Sheet 3 of this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the glazed steel door and/or sidelite used must possess a comparable current Florida Statewide product approval.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Lite kit cross sections & glazing details
3	Steel door panel details



DESIGN PRESSURE RATING (PSF)		
GLAZING TYPE	POSITIVE	NEGATIVE
1/2" LAMINATED GLASS	+75.0	-75.0



Digitally signed by
Lyndon F Schmidt
Date: 2024.12.19
15:38:44 -05'00'

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

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

PRODUCT: LITE KIT

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

DATE: 12/12/24

SCALE: N.T.S.

DWG. BY: LFS

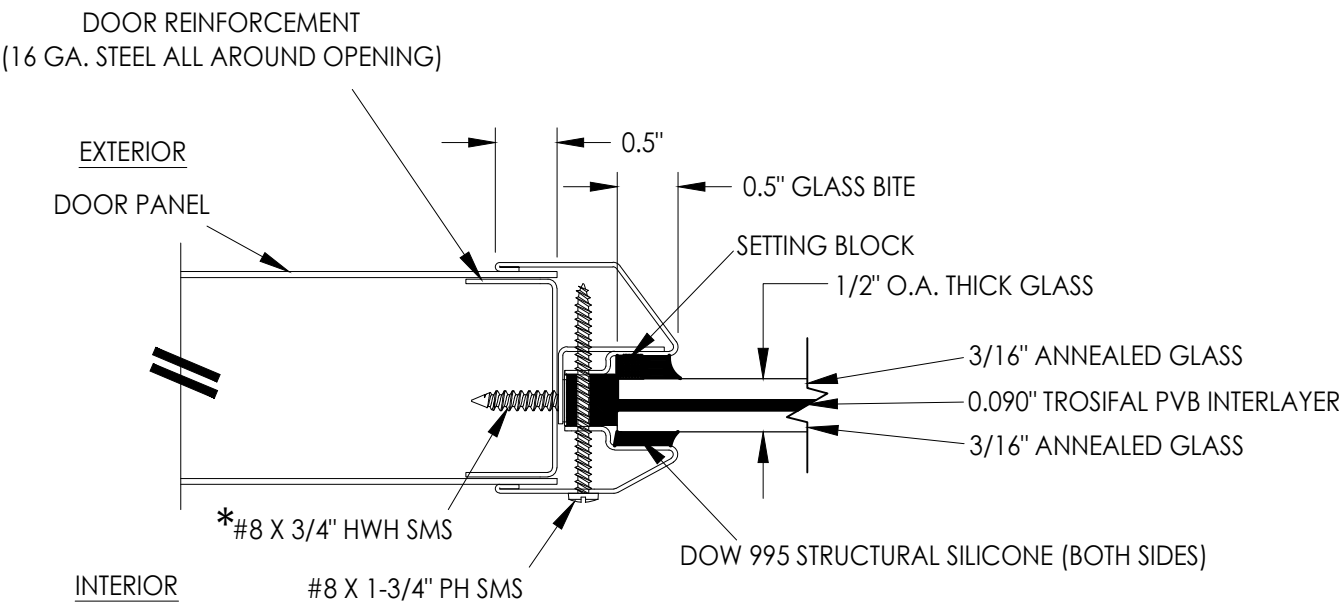
CHK. BY: RW

DRAWING NO.: FL-47124.1

SHEET 1 OF 3

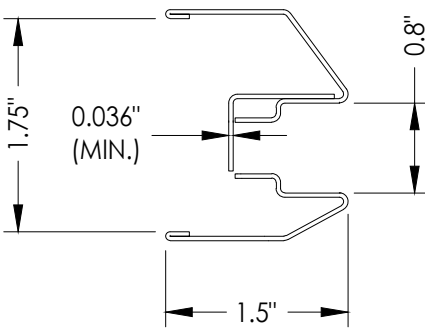
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

#8 X 1-3/4" PH SMS
(18 TOTAL)



G1 GLAZING DETAIL

*#8 X 3/4" HWH SELF-DRILLING SMS THRU DOOR
REINFORCEMENT ANGLE. SPACE 3" FROM ENDS
& CENTERED BETWEEN PERIMETER SCREWS



STORM-PRO™-HR LITE KIT FRAME
A40 GALVANNEAL STEEL (POWDER COATED)

ALTERNATE PROFILES
LO-PRO: 20 GA.
L-FRA: 18 GA.

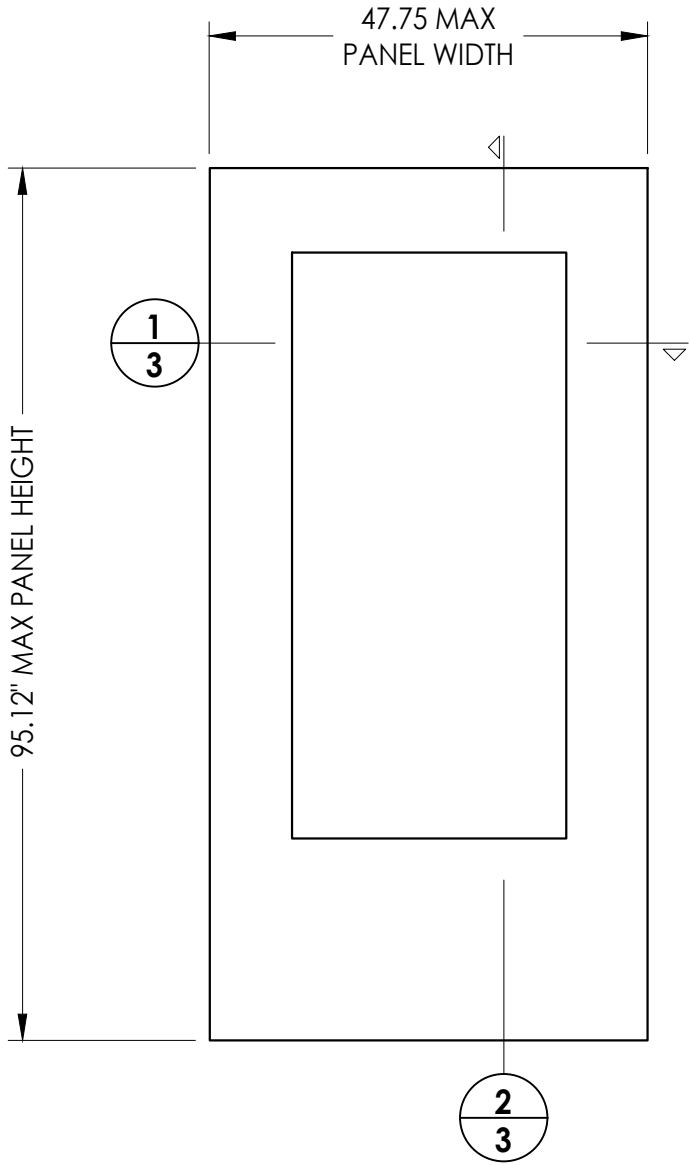
[illegible]

DATE:	12/12/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-47124.1
SHEET	<u>2</u> OF <u>3</u>

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

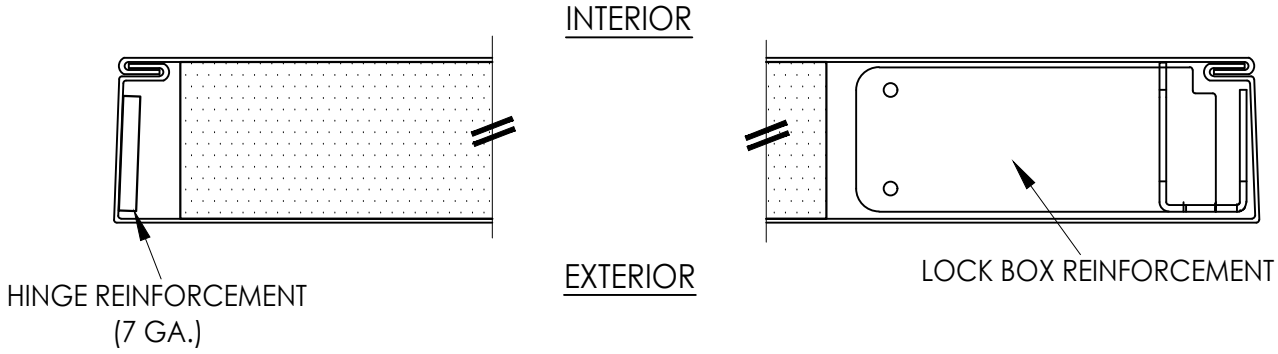
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\National Guard Product NGP\FL-47124\FL-47124.1.dwg

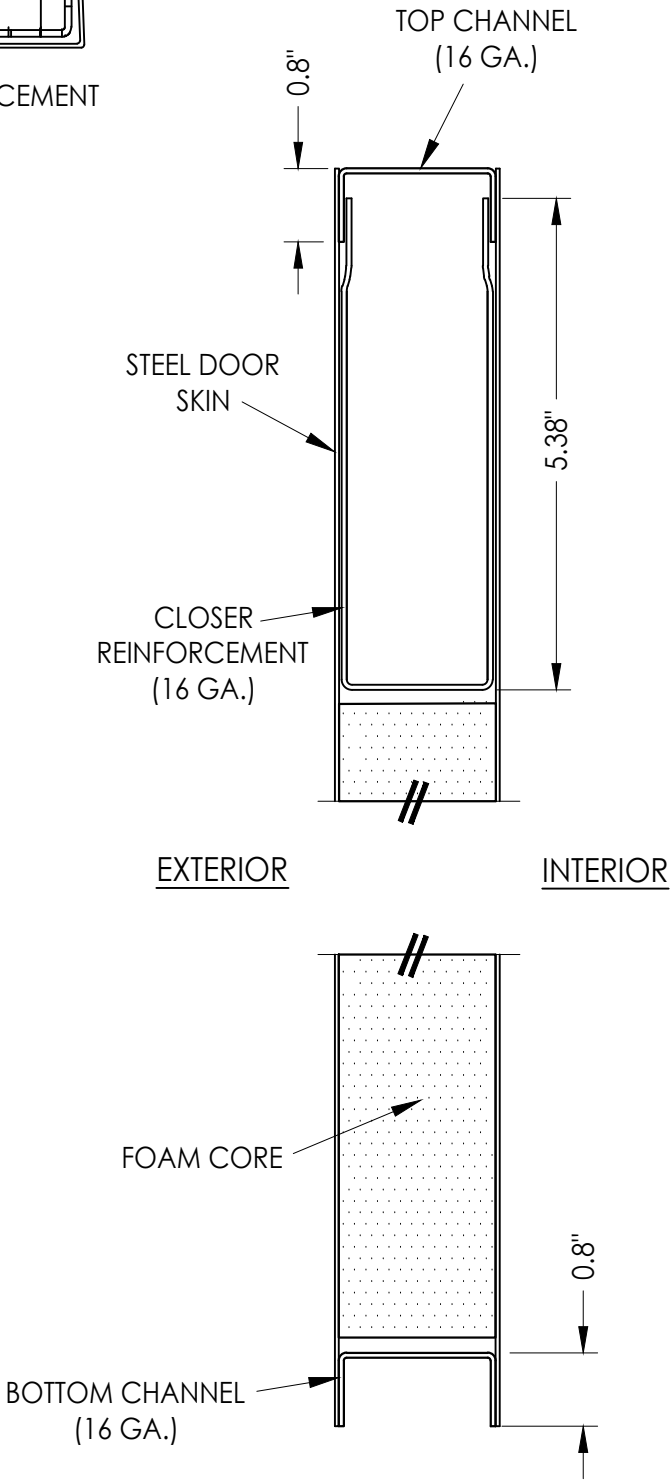


STEEL DOOR PANEL
PREMIER PRODUCTS 4'-0" X 8'-0" (NOMINAL)

STEEL DOOR SKIN: MIN. 0.048" THK. (18 GA.)
CORE MATERIAL: POLYSTRENE FOAM (1 PCF DENSITY)



1
3 **HORIZONTAL CROSS SECTION**



2
3 **VERTICAL CROSS SECTION**

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:		LITE KIT		PART OR ASSEMBLY:		STEEL DOOR PANEL DETAILS	
						NO.	DATE
						BY	
				REVISIONS			
DATE: 12/12/24							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-47124.1							
SHEET 3 OF 3							