

WINDSERT™

Operational Window Insert

Utilizing

A Fiberglass Door 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 is approved for use as a substitute doorglass assembly in conjunction with a fiberglass side hinged swing door 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 fiberglass side hinged swing door approval being used.
6. The door panel and lite opening size shall not exceed the sizes shown in this approval or the fiberglass side hinged swing door approval being used.
7. This product meets water infiltration requirements for "HVHZ".
8. This product has been tested and is approved for use in the door panels as specified in this approval. Substitution into a similar product that possess a comparable current Florida Statewide product approval may be approved for use by the local Authority Having Jurisdiction.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Lite frame details and glazing details
3	Door panel details

275

L.F. SCHMIDT

LICENSE

No. 43409

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Digitally signed by Lyndon F Schmidt

Date: 2023.08.09 10:40:37 -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

Documents Prepared By:

Lyndon F. Schmidt

P.E. No. 43409

RW

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

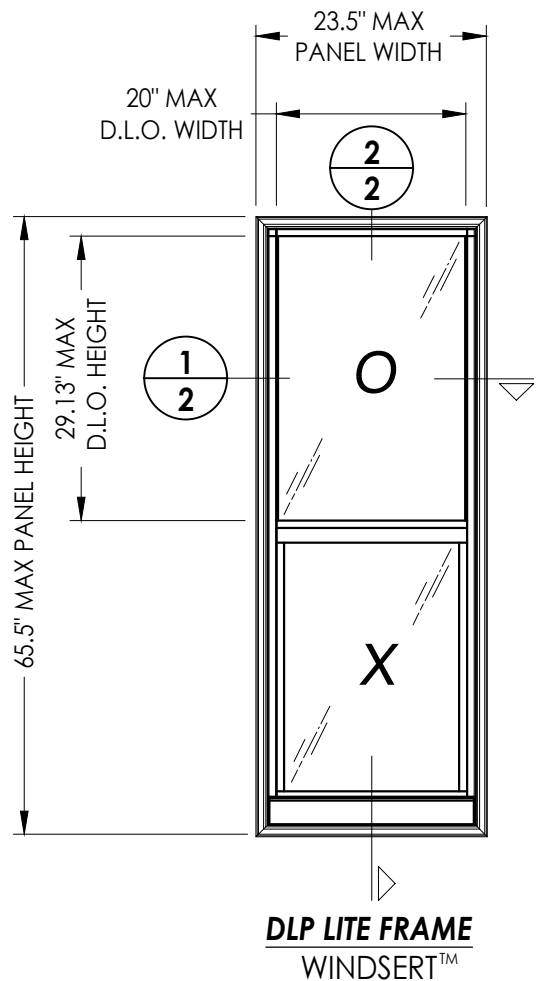
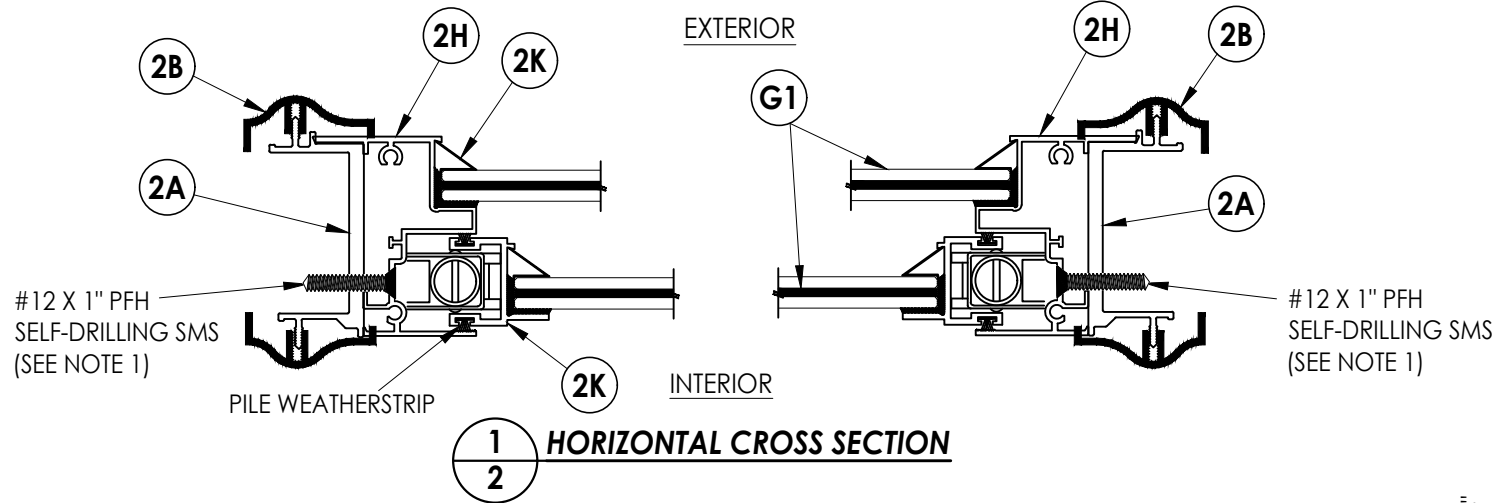
Phone No.: 813.659.9197

FBPE Registry No. 9813

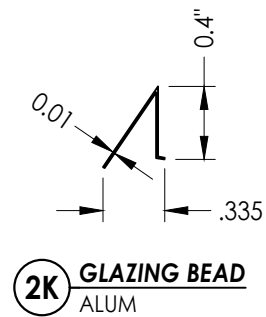
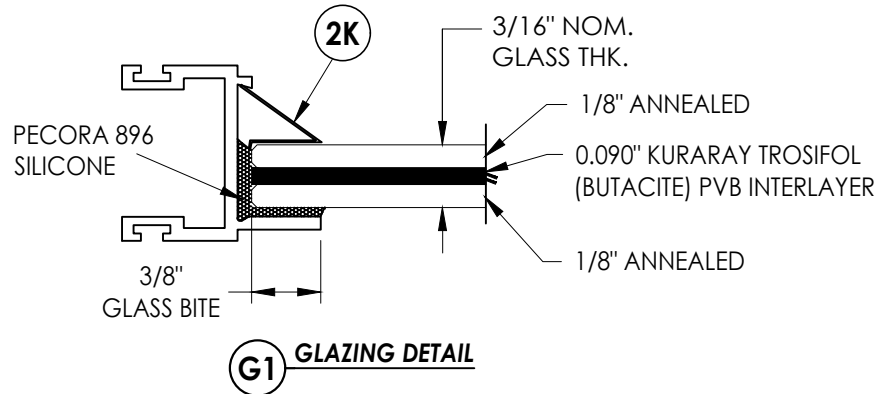
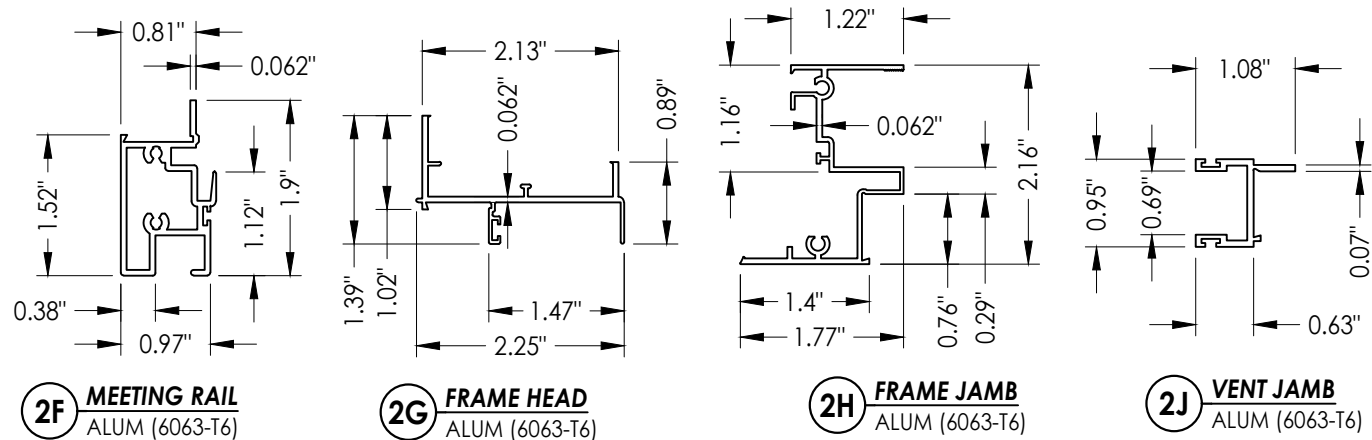
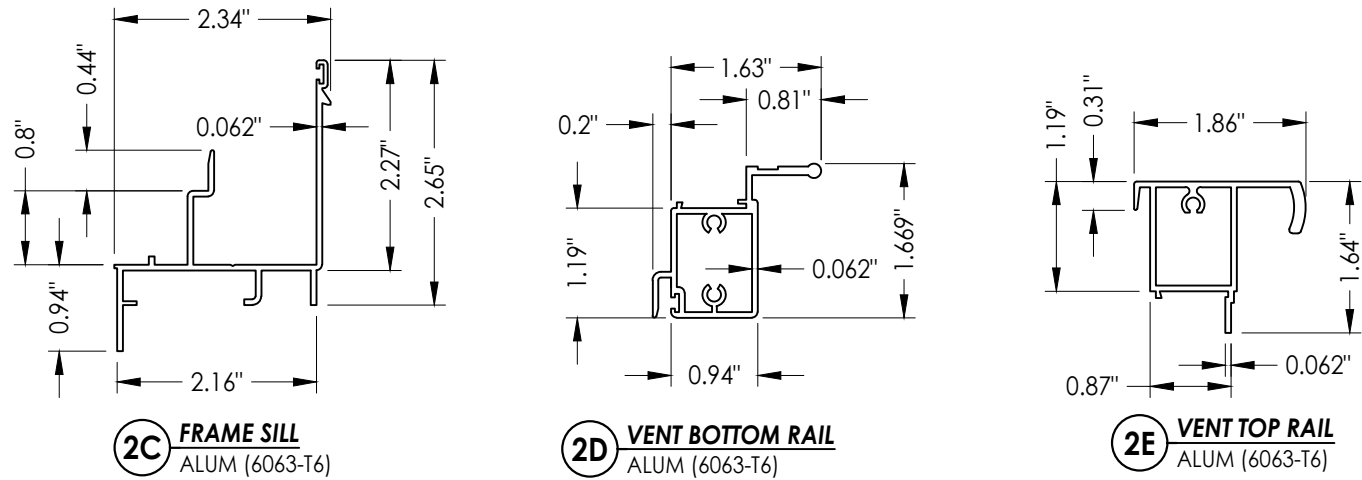
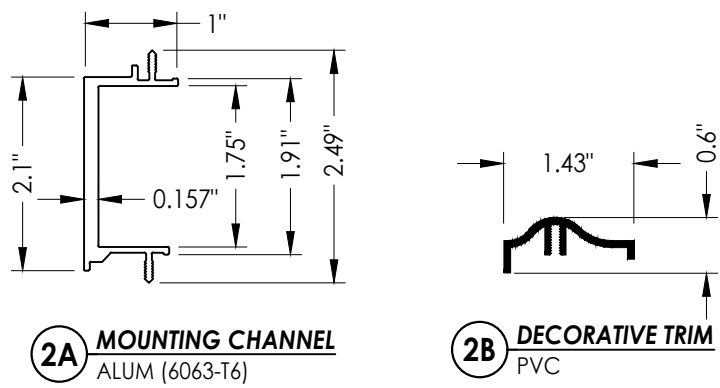
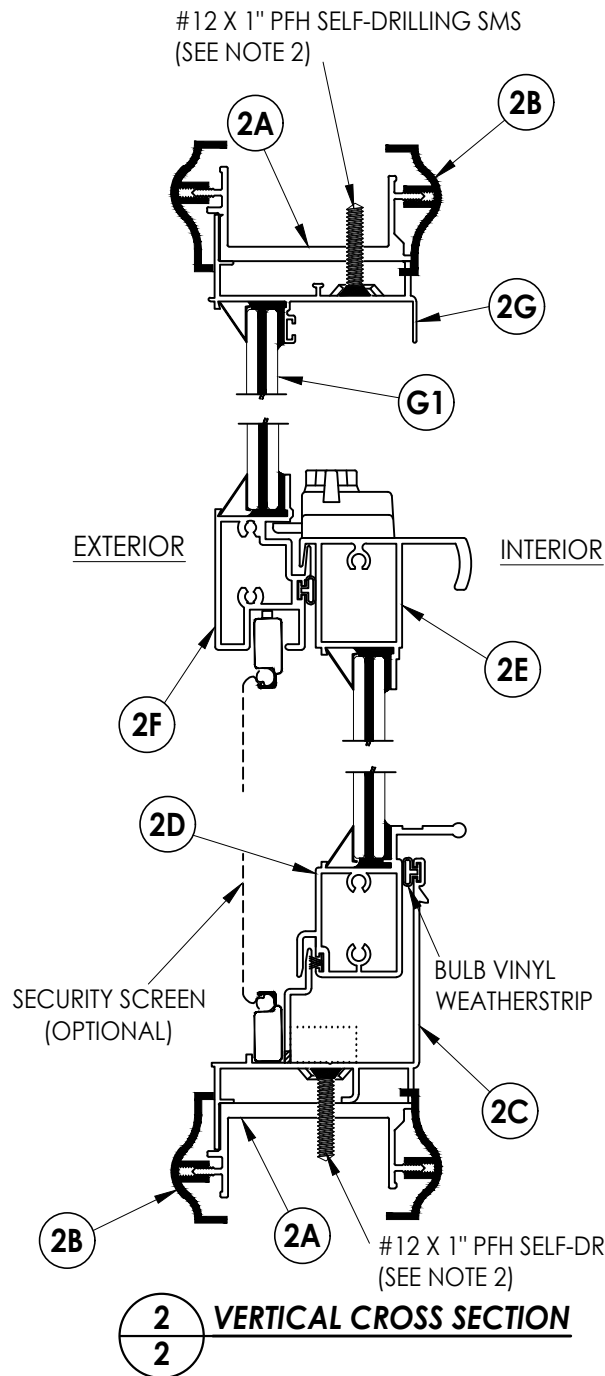
MAX. DOOR PANEL DIMENSION	MAX. WINDSERT™ FRAME DIMENSION	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
36.0" x 79.25"	23.5" x 65.5"	20" x 29.13"	+60.0	-65.0

PRODUCT:		DLP WINDSERT		PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
5	8/09/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	8/31/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
3	8/16/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
2	9/10/15	REVISED WINDSERT COMPONENTS		LFS			
1	3/18/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
	NO. DATE			BY			
REVISIONS							
DATE: 8/29/11							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-14805.2							
SHEET 1 OF 3							

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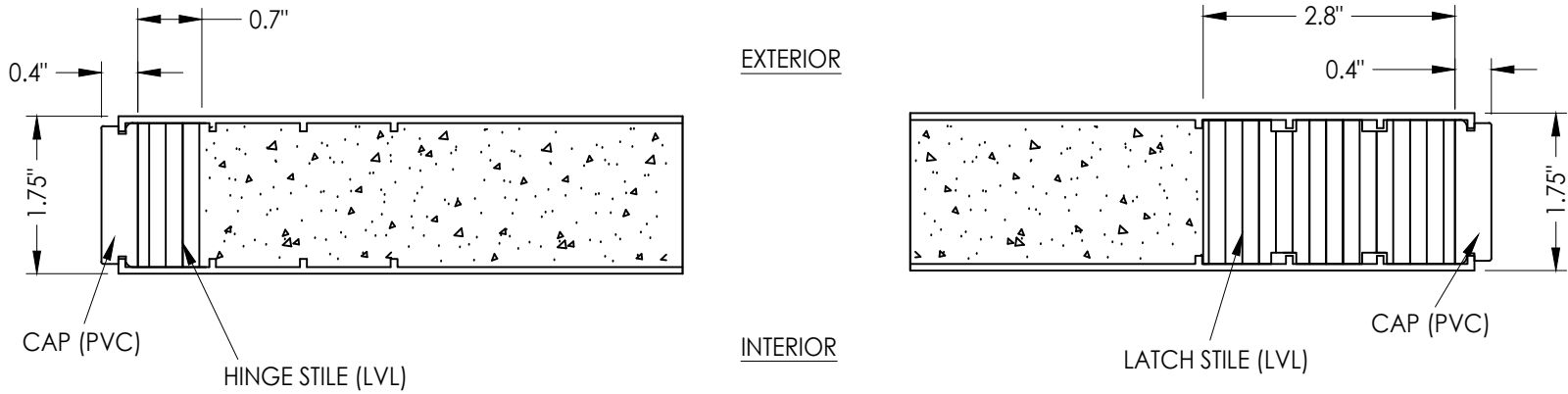


- NOTES:
- SMS Screw spacing at head and sill:
5" from each end & one at centerline (3 total).
 - SMS Screw spacing at jambs:
5" from each end & spaced @ 8 - 11" o.c. (7 total).

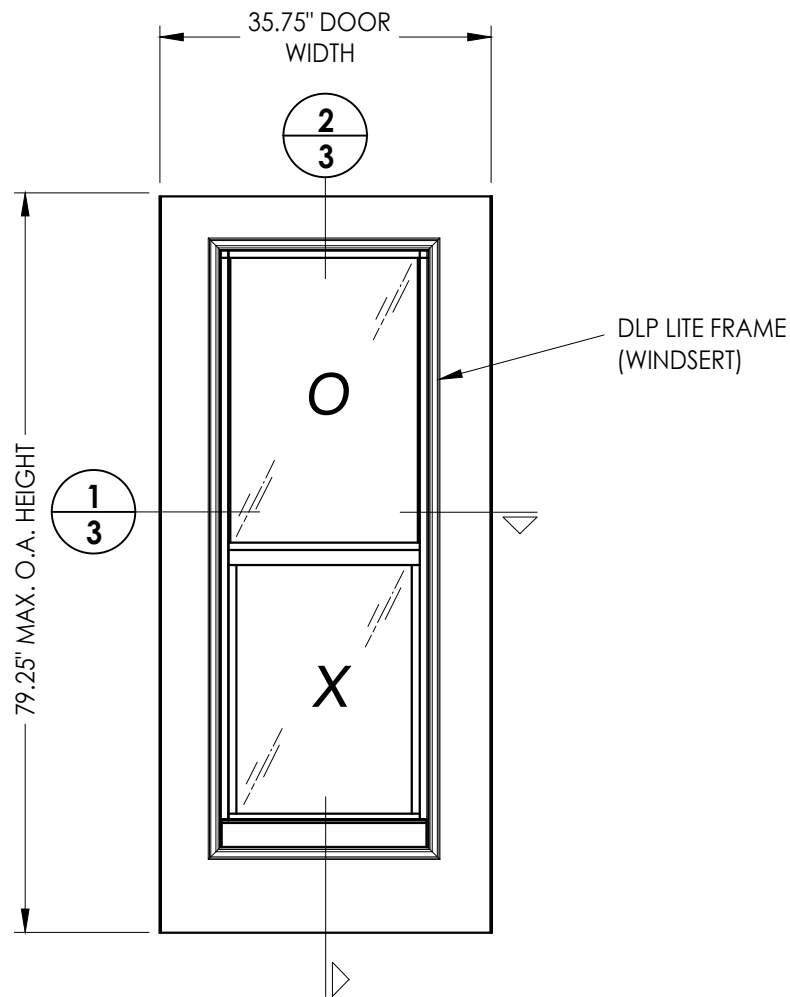


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: DLP WINDSERT		PART OR ASSEMBLY: LITE FRAME DETAILS AND GLAZING DETAILS	
5	8/09/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/31/20	UPDATE TO 7TH ED. (2020) FBC	LFS
3	8/16/17	UPDATE TO 6TH ED. (2017) FBC	JK
2	9/10/15	REVISED WINDSERT COMPONENTS	LFS
1	3/18/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE	REVISIONS	
DATE: 8/29/11			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14805.2			
SHEET 2 OF 3			

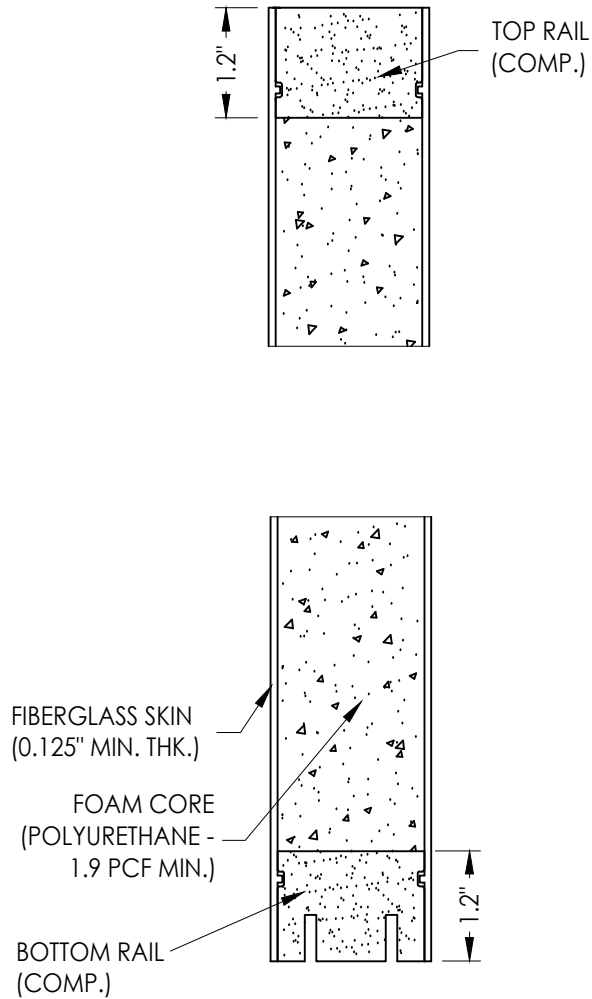
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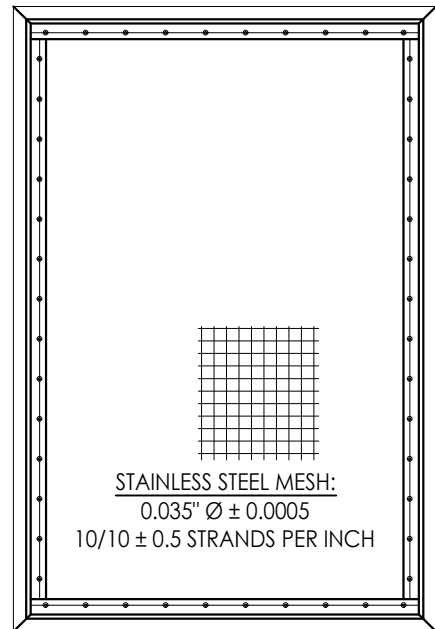
1
3 HORIZONTAL CROSS SECTION



DOOR PANEL
Plastpro



2
3 VERTICAL CROSS SECTION



SECURITY SCREEN
ALUM (6063-T6)

NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
5	8/09/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/31/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
3	8/16/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
2	9/10/15	REVISED WINDSERT COMPONENTS		LFS	
1	3/18/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 8/29/11

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14805.2

SHEET 3 OF 3

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:	PART OR ASSEMBLY:
DLP WINDSERT	DOOR PANEL DETAILS