



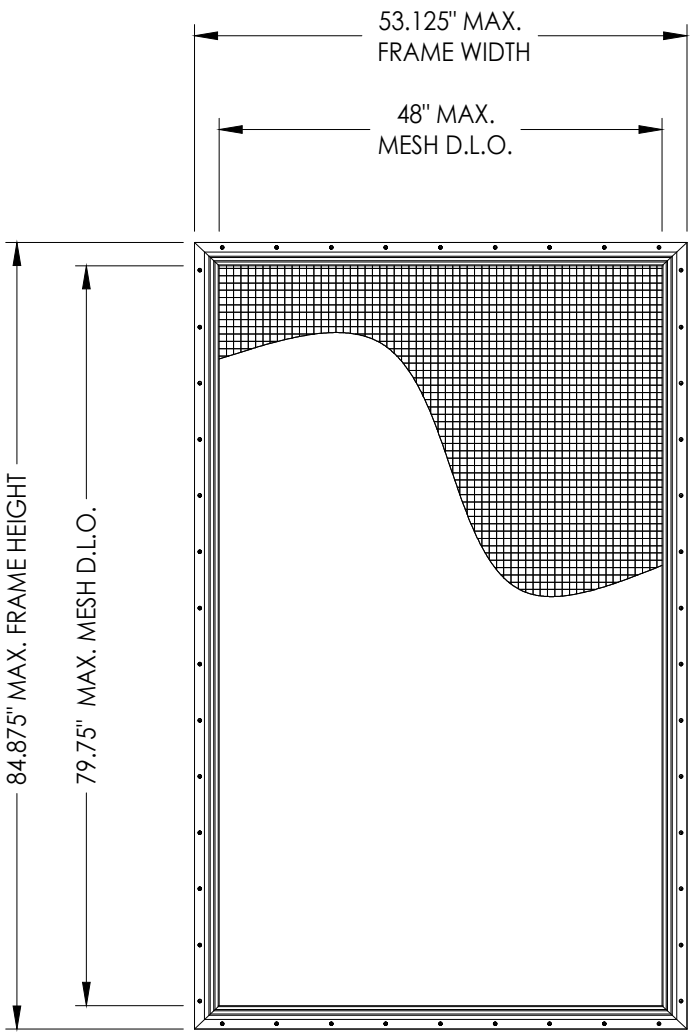
Suite 1-3
3020 Reynolds Rd
Lakeland, FL 33840-2440

BUILD-OUT WINDOW
HURRICANE SCREEN
"IMPACT"

GENERAL NOTES

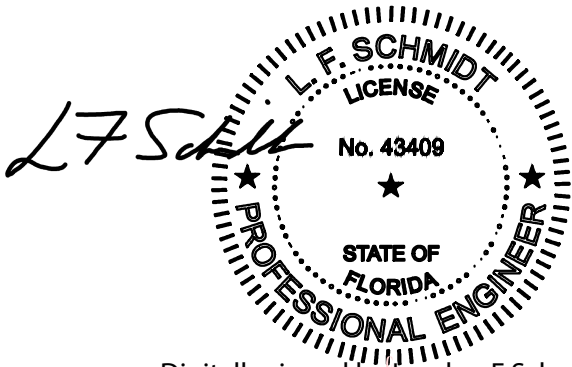
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the HVHZ, this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. When used in areas 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. All steel shall be protected as specified in Section 2222.6 of the FBC.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevation, Design Pressures & General Notes
2	Elevaton & Screen Details
3	Horizontal & Vertical Cross Sections
4	Frame Anchoring
5	Bill of Materials & Components



VERTICAL ORIENTATION SHOWN
(HORIZONTAL ORIENTATION ALSO APPROVED)

MAX OVERALL PANEL DIMENSION	MAX MESH D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
53.125" X 84.875"	48.0" X 79.75"	+75.0	-75.0

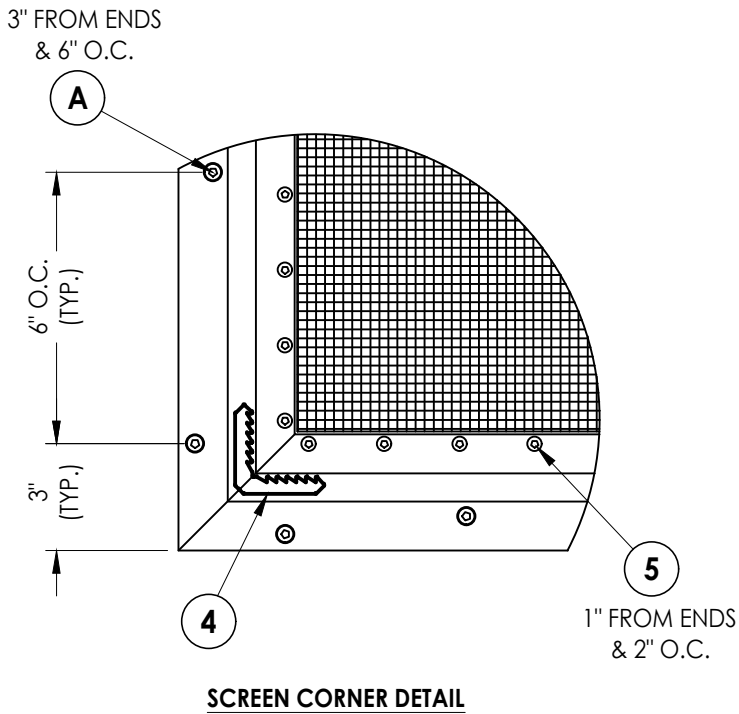
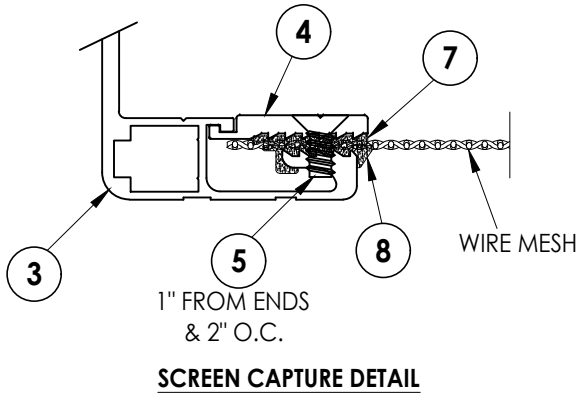
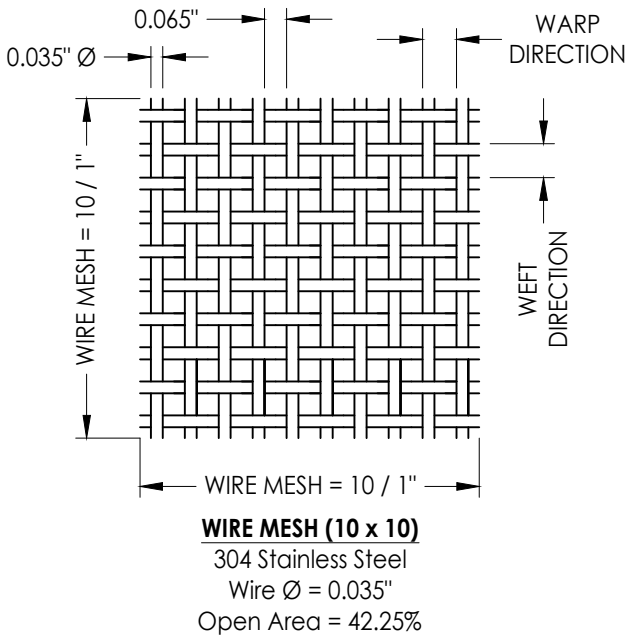
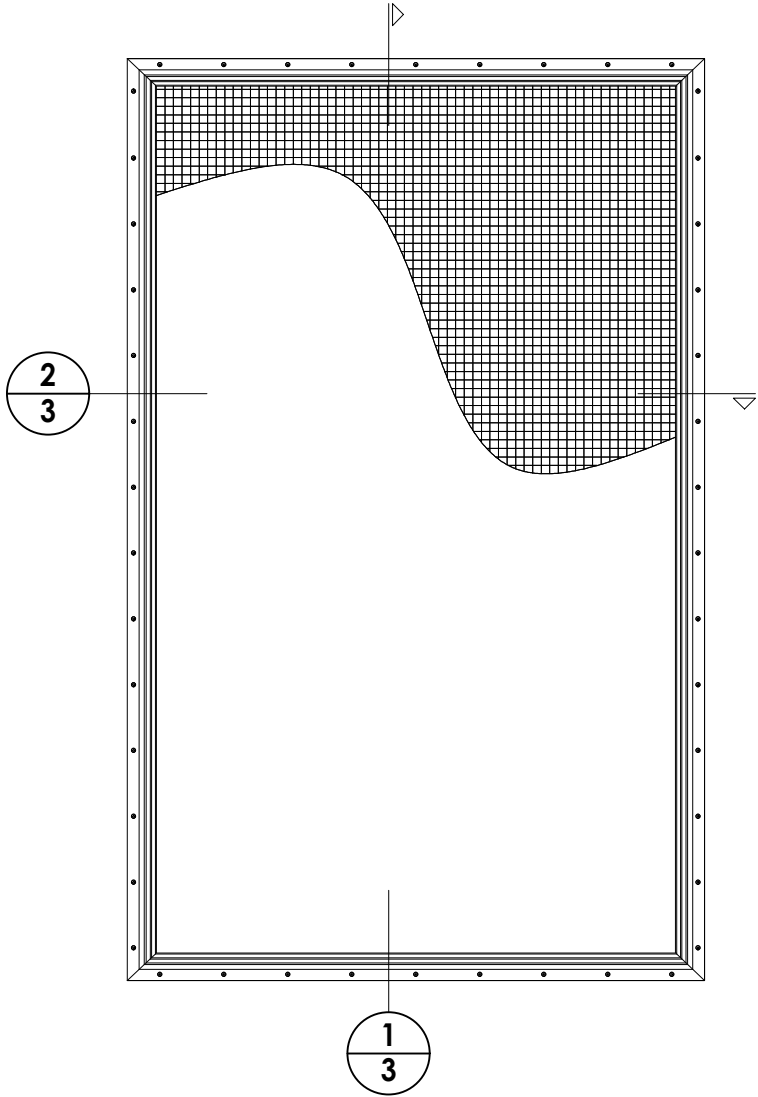


Digitally signed by Lyndon F Schmidt
Date: 2023.09.18 14:01:17 -04'00'

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

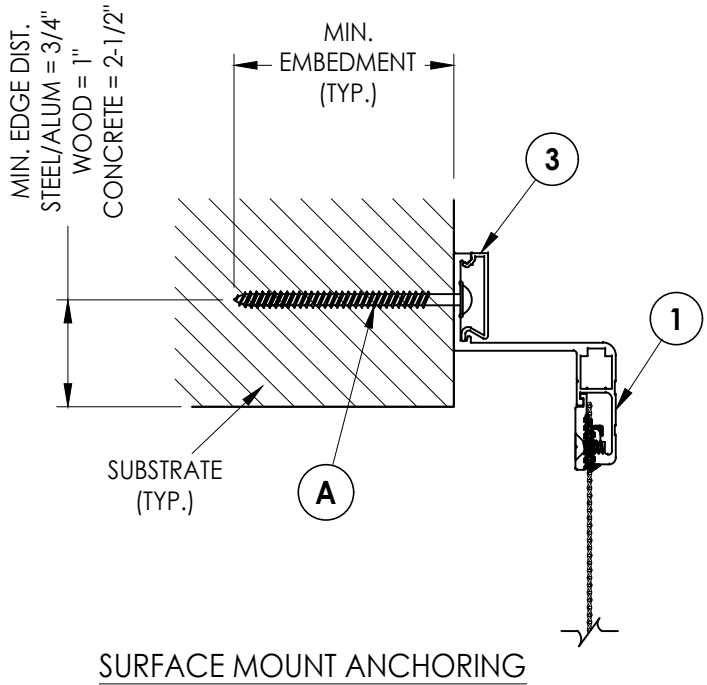
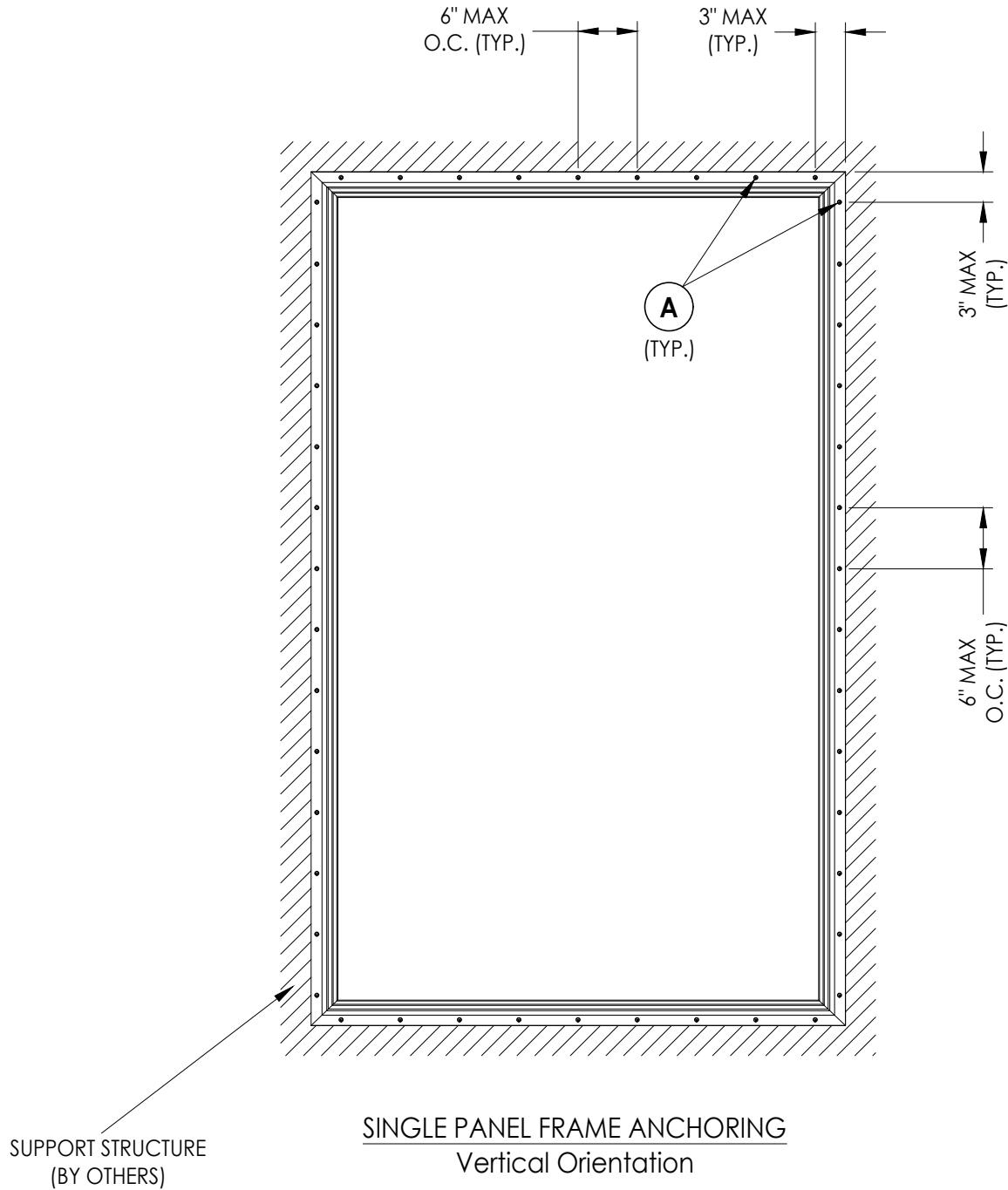
PRODUCT:		HURRICANE SCREEN	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
NO.	DATE	REVISIONS	
2	9/18/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/13/20	UPDATE TO 7th ED. (2020)	FBC
DATE: 4/11/19			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: RW			
DRAWING NO.: FL-29455.2			
SHEET 1 OF 5			



DATE: 4/11/19		DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: JK			
CHK. BY: RW		PRODUCT: HURRICANE SCREEN	
DRAWING NO.: FL-29455.2			
SHEET 2 OF 5		PART OR ASSEMBLY: ELEVATION & SCREEN DETAILS	
REVISIONS			
		NO.	DATE
2	9/18/23	UPDATE TO 8TH ED. (2023)	FBC LFS
1	8/13/20	UPDATE TO 7th ED. (2020)	FBC DAC

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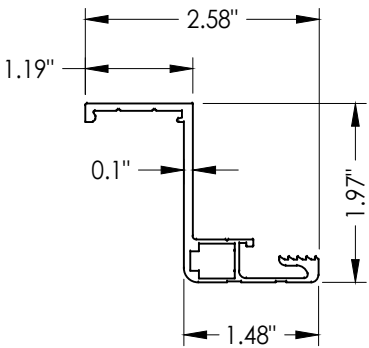


A ANCHOR SCHEDULE				
SUBSTRATE	ANCHOR	EMBEDMENT	EDGE DISTANCE	CENTER-TO-CENTER SPACING
WOOD	#10 X 2-3/4" PWH SHEET METAL SCREW 	2-3/8" MIN.	1" MIN.	1-1/2" MIN.
CONCRETE	1/4" Ø HWH DeWALT ULTRA CON+ 	1-3/4" MIN.	2-1/2" MIN.	3" MIN.
STEEL/ALUM	#10-14 HWH SELF-DRILLING SHEET METAL SCREW 	A MIN. OF 3 THREADS SHALL PROTRUDE THROUGH THE STEEL/ALUM SUBSTRATE	3/4" MIN.	1-1/2" MIN.

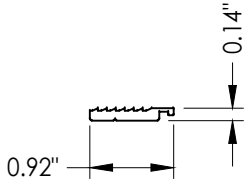
WOOD FRAMING (G >= 0.42)
CONCRETE CONFORMING TO ACI 301 (3,000 PSI MIN.) OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90
STEEL OR ALUMINUM FRAMING (MIN. 1/8" WALL THICKNESS - BY OTHERS)

PRODUCT:		HURRICANE SCREEN		PART OR ASSEMBLY:		FRAME ANCHORING	
DOCUMENTS PREPARED BY:		LONDON F. SCHMIDT		P.E. NO. 43409		BUILDING CONSULTANTS, INC.	
DATE:		4/11/19		SCALE:		N.T.S.	
DWG. BY:		JK		CHK. BY:		RW	
DRAWING NO.:		FL-29455.2		SHEET		4 OF 5	
REVISIONS		NO.		DATE		BY	
2		9/18/23		UPDATE TO 8TH ED. (2023)		FBC LFS	
1		8/13/20		UPDATE TO 7th ED. (2020)		FBC DAC	
1		8/13/20		FBC DAC		BY	
© 2019 R.W. BUILDING CONSULTANTS INC.		P.O. Box 230, Valrico, FL 33595		Phone No.: 813.659.9197		FBPE Registry No. 9813	

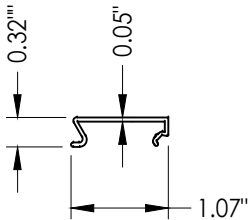
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	ANCHOR (SEE SHEET 4 FOR ANCHORING SCHEDULE)	STEEL
1	HURRICANE BUILD-OUT	6063-T5 ALUM
2	HURRICANE CLAMP	6063-T5 ALUM
3	WINDOW COVER (08B)	6063-T5 ALUM
4	WINDOW CORNER (03A CNR)	6063-T5 ALUM
5	#8 X 3/8" FH COUNTERSUNK CLAMP SCREWS	STAINLESS STEEL
7	TESA TAPE	-
8	SANTOPRENE INSULATOR	SANTOPRENE



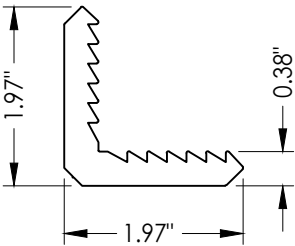
1 HURRICANE BUILD-OUT



2 HURRICANE CLAMP



3 WINDOW COVER



4 WINDOW CORNER

[illegible]

PRODUCT:	HURRICANE SCREEN
PART OR ASSEMBLY:	BILL OF MATERIALS & COMPONENTS

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

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