THIS HON PORCUS STSTEM HAS BEEN VERTIED FOR COMPLANCE IN ACCORDANCE WITH THE 2017 (SXTH EDITION) OF THE FLORIDA BUILDING CODE (FBC) . THIS SYSTEM SHALL

NOT BE INSTALLED IN THE HIGH VELOCITY HURBICANE ZONE (MANA—DARE/ BROWNED COUNTES) NOT ESSENTIAL FACILITIES. THE ADEQUACY FOR MAYIN, DEFECTION AND FAITGUE NESSTANCE HIS BEEN VERBED IN ACCORDANCE WITH SECTION 1609 OF THE ABOVE REPERCED CODE, AND AS PER BIS 201, TAS 202 and TAS 203 PROTOCOLS.

DESSIN PRESSURE REQUIREMENTS OF A SPECIFIC SITE SHALL BE DETERMINED BY OTHERS IN CONFORMANCE TO SECTION 1609 OF THE RIC FOR A BASIC WIND SPEED (ALLOWALE SPRESS DESIGN) AS REQUIRED BY THE JURISDICTION WHERE THE SYSTEM WILL BE ASSULLED. ULTIMATE DESIGN LOADS (U.D) DETERMINED BY ASCE 7—10 SHALL BE REDUCED TO ALLOWALE STRESS DESIGN LOADS (ASD) BY MULTIPLYING THE U.D BY O.S. TO COMPARE THEM TO THE ASD PRESSURE RATINGS SHOWN ON SHEET 1 AND 2. U.S.E. OF DIRECTIONALITY FACTOR (AI—0.85 IS ALLOWED.

mpact and fatigue resistance has been determand in accordance with the FBC section (600,1.2 mssule level "d' as usted heren.

NO 33-1/38 INCREASE IN ALLOWINE STRESS INCREASE INSIDED USED IN THE DESIGN OF THIS PRODUCT.

THIS PRODUCT ENALIATION COCUMENT (PED) DETAILED HEREIN IS GENERIC AND DOES NOT PROMDE INFORMATION FOR A SPECIFIC SITE. IF SITE CONDITIONS DEWATE FROM THE CONDITIONS DETAILED HEREIN, A LIZENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS TO BE USED IN COMMUNICATION WITH THIS DOCUMENT.

THE COMPRICTOR AND / OR PERMIT HOLDER IS TO BE RESPONSIBLE FOR THE SELECTION, PURCHESE AND INSTITUTION OF THE STRUCTURE
OF THE DISTING STRUCTURE TO WITHSTAND THE NEW SUPERMIPOSED LONGS SHOWN BELOW AND THE SOUDNESS OF THE STRUCTURE
WHERE THE SYSTEM IS TO BE ATTACHED TO INSURE PROPER ANCHORNGE.

delegated encameer to the ped encameer shall subant to this encameer the site specific drawings for redeav

SHE SPECIFIC PROJECTS SHULL BE PREPARED BY A FLORIDA LICENSED ENGINEER OR ARCHITECT WHO WILL BECOME THE ENGINEER OF RECORD (EOR) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE PED ENGINEER OF RECORD, ACTING AS A

THIS PED SHILL BEAR THE DATE AND ORGANIL SEAL OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

this system by also be installed horozontally following installation details shown heigh.

THIS WIND ABITEMENT SYSTEM IS INTENDED FOR USE ONLY DURBING HURBICANE OR OTHER TROPICAL STORM WARRINGS. SEASONAL OR PERMANENT INSTALLATION OR STORMEE INHER THEIR ADEQUACY OF THIS WIND ABITEMENT SYSTEM.

AS AN IMPACT RESISTANT SYSTEM.

LANGARIONS OF USE
PER FIRE 2017 NO MANAGEM SEPARATION FROM GLASS IS REQUIRED.
THE MAXMANU SIZE SHALL BE 80 PSF MAX. PRESSURE 0214 INCHES MAXMANU SPAN. SEE TABLE ON SHEET 1/2.

anchors to structure (wall / floor / celuic / system) shall be installed for manufactureds' recommendations and as follows:

all bolts to be asta a307, galvanzed or 304 sepres stanless steel with a mamaia 36 ks yeld strength

all sorens to be stanless steel 304 or 316 seres or corrosion resistant coated carbon steel with a 50 ks) tyeld strength and a 90 ks) tensile strength

CONDETE BLOCK IMSONRY (ASTM C-90)

TAPCON ANCHORS (ITW BIRLIDEX) OR PANELMITE MALE & FEMALE FASTENERS (BLCO TEXTRON) — 1/4 IN. DIA.

L. MANMAUM EMBEDIAENT INTO STUCCO STALL BE PERMITTED.

NO EMBEDIAENT INTO STUCCO STALL BE PERMITTED.

PROPERLY ATTACH TO THE PRIMARY STRUCTURE BEHAND IT. PARTIS, BAICKS OR OTHER PRE-CAST PAGDUCTS LOCATED ON THE EXISTING STRUCTURE WILL OR FLOOR

UNI EDGE DISTANCE =  $3.0^{\circ}$ 

POURED CONCRETE (f°=3000 PS) MIN.)

TAPCON ANCHORS (THY BULLDEX) OR PANELMATE MALE & FEMALE FISTENERS (ELCO TEXTRON) — 1/4 N. DA.

L. MARMAN EMERDMENT MTO POURED CONCRETE FOR TAPCON ANCHORS, AND ELCO PANELMATES IS 1 3/4

NO EMERIMENT INTO STUCCO SWALL BE PERMITED. SCREENS TO BE 1/4"—20 X 1 3/4" FOR STUCCO, 1 1

L. PANERS, BRICKS OR OTHER PRE—CAST PRODUCTS LOCATED ON THE EXISTING STRUCTURE WALL OR FLO
TO PROPERLY ATTACH TO THE PRIMARY STRUCTURE BEHNO IT.

HI MANUAL EDGE DISTANCE = 3.0"

WOOD (Nominal 2x4(min) "Southern Pine" SG=0.55 OR GREATER) TAPCON ANCHORS (TW BUILDEX) DA. OR PAWELIANTE WALE & FEWALE FASTENERS (ELCO TEXTRON) -1/4 m. L. Imprimon edge distance = center of 2" nominal lumber (approx. 3/4"). Limbour embedding in

INVIDUAL DESIGN PRESSURE VERSUS PANEL SPAN SHOWN ON SHEET 2/2

쟑

screan panel's immufacturer label shall be placed on a rejoly and visible location on the panel. One label shall read as follows:

Florida product approval number: FL=XXXX. Opening No.; XX HURRICAME FABRICCOM LLC PO BOX 50153; CLAYTON, MO <u>8</u>

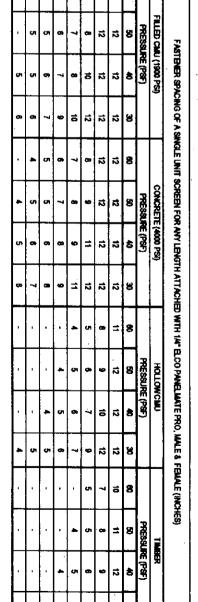
THIS COCCUMENT IN ITS ENTRETY WILL BE CONSIDERED INVALID IF IT IS ALTERED BY ANY MEANS.

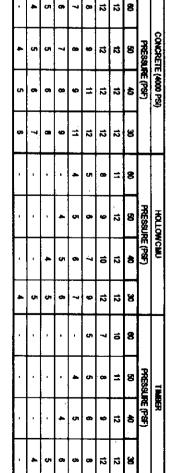
햣

SCREEN Ş¥ 6-0° FILLED CIMU (1900 PSI) FASTENER SPACING OF A SINGLE UNIT SCREEN FOR ANY LENGTH ATTACHED WITH 345" [ CONCRETE (4000 PSI) 8

**a** 

1	EN													,	-			3	•	7	
2	(A) (A)	1,'\b												6	•	-	-	11	6	8	
ķ	10)	1.7 2.7	ر ع	/										œ	5	4		12	01	9	_
\$			3											<b>CO</b>	6	5	5	12	12	10	ı
		<b>*</b>	O	_										9	7	6	5	12	12	12	
	/s	Y	الم	, <u>, , , , , , , , , , , , , , , , , , </u>										10	8	7	6	12	12	12	
J.	1	1	/	<b>4</b> 1										12	12	11	9	12	12	12	_
	15/6	J	4											12	12	12	12	12	12	12	_
110	) }	⋧	1											용	10	50	60	36	8	ş	_
10	NEWS.	1.	40												(PSF)	PRESSURE (PSF)		L	Æ(PSF)	PRESSURE (PSF)	
8		2													×	TIMBER			NCMU	HOLLOWCHIL	
	ENRY K	LEN	<b>.</b>		•											ES)	DROP-IN ANCHOR WITH SIDEWALK BOLT (INCHES)	SIDEWALK	NCHOR WITH	)ROP-IN AJ	
																<b>18</b> 6.	ie label shal be placed for every opening.	CED FOR		LABEL S	-
			•	,		,	8	5	^	٠	6	5		•	18:-0"					,	
		,	5	,		•	7	۵	5	•	o,	5	5		16:-O°					= 1-1/2	
		,	5	•		٠	•	6	5	5	7	6	5	•	.D.#1						
•			о.	5	•		9	80	7	•	9	7	8	5	12.0						
5	•		7	6	5	•	11	ę	8	7	10	œ	7	æ	10-0						
6	5	5	ę	7	9	. 5	12	11	9	8	12	ō	9	7	.0-8	5	SWIT WEST		1000	3	-
9	. 8	7	12	10	9	. 8	12	12	12	12	12	12	12	11	.0-9		1 1/4 WILL MY THANK VE CHELLING I LINGTO	5 F			_
12	11	10	12	12	. 12	11	12	12	12	12	12	12	12	12	4.0			•	/4 PL	, P	~
40	8	8	33	8	65	88	3	45	8	95	3	8	95	8	3						-
PRESSURE (PSF	PRESSI			RE (PSF)	PRESSURE (PSF)			E (PSF)	PRESSURE (PSF)			Æ (P8F)	PRESSURE (PSF)		SPEE OF						
TIMBER	1#			MCMU	HOLLOWCHIU			(4000 PSI)	CONCRETE (4000 PSI)			(1900 PSI)	FILLED CIAU (1900 PS)		2000						
	KCHES)	FEMALE (IN	O, MALE &	LIMITE PRO	ELCO PANE	-WI HIM G	Н АТТАСНЕ	ANY LENGT	CREEN FOR	FASTENER SPACING OF A SINGLE UNIT SCREEN FOR ANY LENGTH ATTACHED WITH 14" BLCO PANELMATE PRO, MALE & FEMALE (INCHES)	ING OF A SIN	BHER SPACE	FAST			EXCIL	FLOOR SHALL HAVE ANCHORS OF SUFFICIENT LENGTH	OF CENT		OOK SHA	
																					,







2017 FBC (NON-HIGH VELOCITY HUNGCINE ZONE) 5TH EDITION

11. poet ASTRO FLEX Wind Abatement System /19/1

HURRICANE FABRIC.COM LLC PHONE: (230)000-0000 NW.HUTCHEFABRIC.COM

STITCHING DI

ETAIL

꽄

1/2" SINGLE STITCH WEAVE SCREEN - N.T.S.

DESCRIPTION XX/XX/XX- xxxxxxxxx

(1) SINGLE ROW OF STRAIGHT STRICH AT

8

7

5

138 DEMER POLYESTER THREAD.

1/2" TRI-FOLDED ALL AROUND THE PERM

ETER ONE CONTINUOUS SEMING

1/2" +

Puncture Strength (ASTM D -4833) Un retention (ASTM D-6154): 77%

BRUSION RESISTANCE (ASTN 0 -4886)

95% STREDICTH RETAINED 90 Ba

F

HAISH CALDIDENED NEDGAT (ASTAL D-3778): 7.6 -OZ/SQUARE SELMAE : HEAV CAT OR MONEN

CONSTRUCTION: 12/11/LE FABRIC
CONSTRUCTION: 3/4 BASICT-MEANE, WARP

8 좋

붌

굕

NCH, WERE - 50 ENDS PER INCH

FABRIC SPECIFICATION:

retention cup end connector:

rhodn digheering plastics — polyhi

**E** 88

idicile strength (gamb method, astm d

EMST STRENGTH (ASTM 0 - 3786): 825

Z

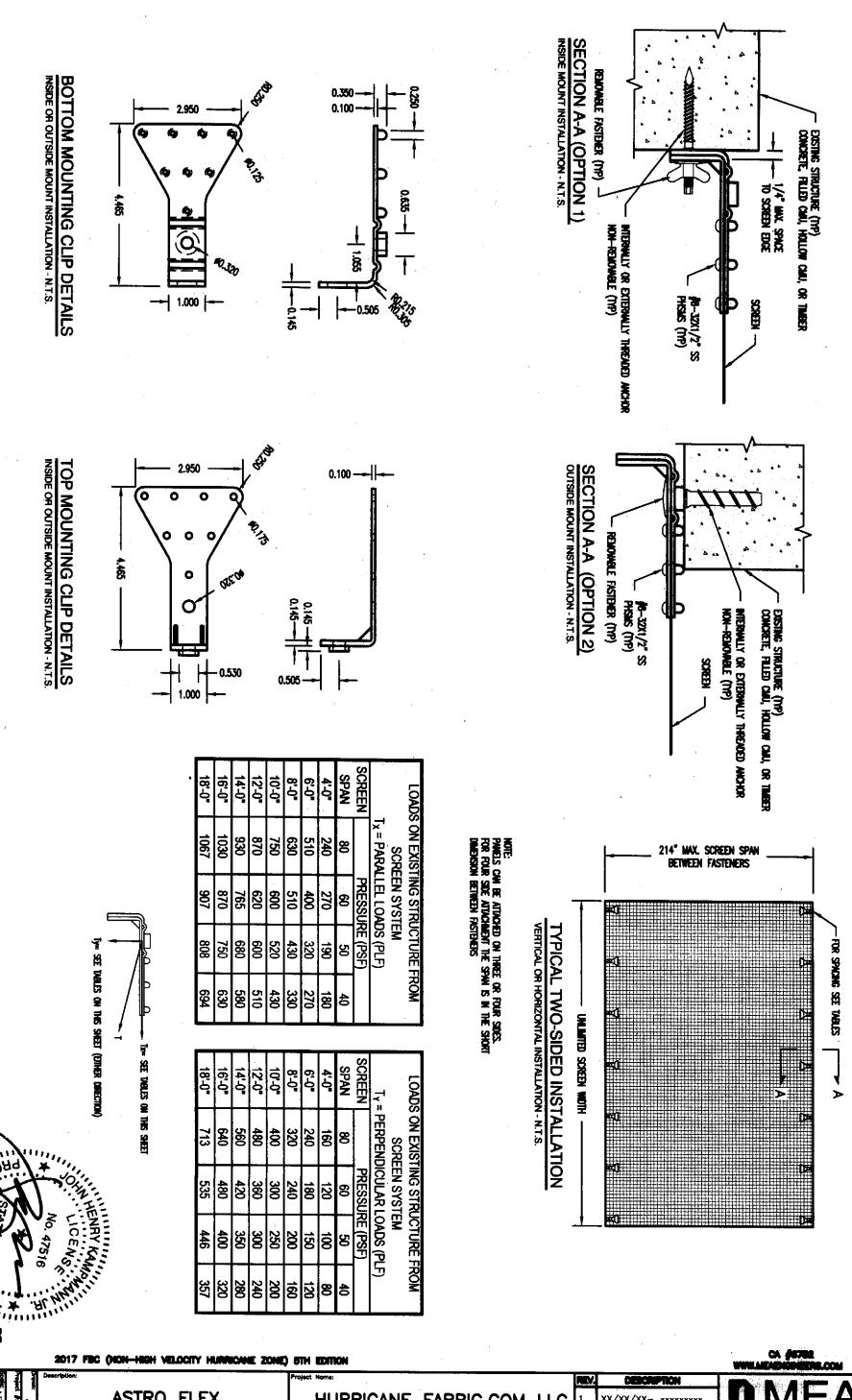
185 ha, 1857 - 170 ha

4632): WERP

\$

Ď

CA (STRE



2/2

W

ASTRO FLEX
Wind Abatement System

HURRICANE FABRIC.COM LLC
PO BOX 80183
CLAYTON, MO 63106
PHONE: (239)000-0000
WWW.HURRICANEFABRIC.COM

1 XX/XX/XX— XXXXXXXXX

ENGINEERS, INC.