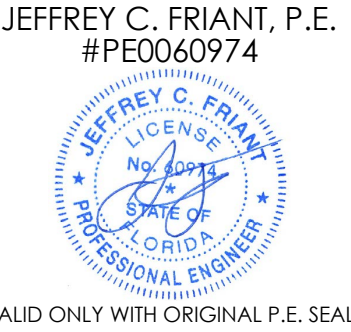


STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM
FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE

This item has been digitally signed and sealed by Jeffrey C. Friant, P.E. on the date adjacent to the seal. Signature must be verified on any electronic copies.

FL #29706
Digitally signed by Jeffrey C. Friant
Date: 2026.10.16 08:18:09 -04'00'



GENERAL NOTES

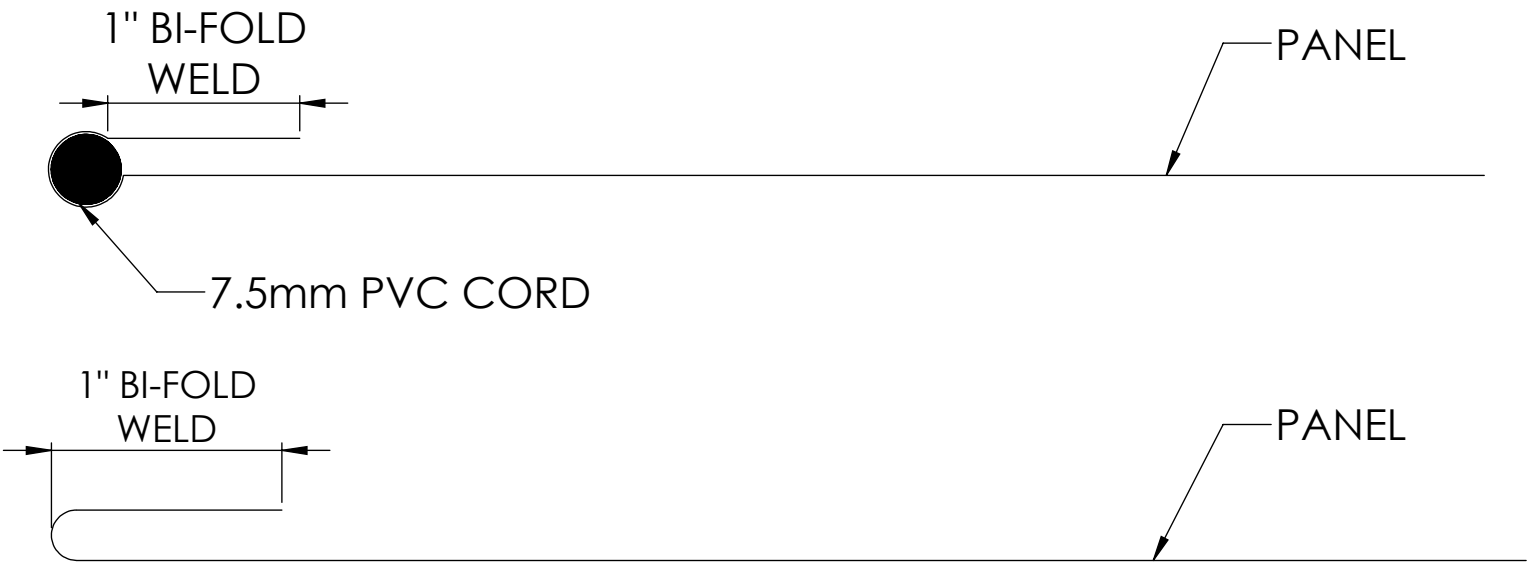
- THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE CURRENT FLORIDA BUILDING CODE FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT WHO SHALL BECOME THE ENGINEER/ARCHITECT OF RECORD FOR THE PROJECT.
- POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR THE USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE. SITE SPECIFIC LOAD WIND LOAD REQUIREMENTS SHALL BE DETERMINED IN ACCORDANCE WITH ASCE 7 AND THE CURRENT EDITION OF THE FLORIDA BUILDING CODE BY SEPERATE ENGINEERING CERTIFICATION AND SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUE LISTED HEREIN FOR ANY ASSEMBLY WITHIN THE LIMITATIONS STATED HEREIN.
- PERMIT HOLDER SHALL ENSURE THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS.
- ANCHOR EMBEDMENT AND MINIMUM EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER FINISHES. ANCHOR EMBEDMENTS AND MINIMUM EDGE DISTANCES PROVIDED HEREIN ARE INTO CONCRETE, FILLED AND HOLLOW CMU, OR WOOD.
- SPAN IS THE DISTANCE BETWEEN THE TWO PRIMARY OPPOSITE ROWS OF FASTENERS I.E.; TOP AND BOTTOM OR SIDE TO SIDE.
- STORM CATCHER PANELS MAY BE MOUNTED VERTICALLY OR HORIZONTALLYAS APPLICABLE.
- ENGINEER SEAL AFFIXED HERE TO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- FOR DETERMINING INTERNAL PRESSURE IN THE ABOVE REFERENCED CODES, THIS PRODUCT IS CLASSIFIED AS NON-POROUS, HAVING A POROSITY OF LESS THAN 10%. FOR THE CONDITIONS SHOWN IN THIS PRODUCT EVALUATION DOCUMENT SCREEN PANELS MUST COMPLETELY COVER AN OPENING IN ALL DIRECTIONS.
- ALL SCREEN PANELS SHALL BE PERMANENTLY LABELED, IN A READILY VISIBLE LOCATION, WITH AT LEAST ONE LABEL STATING: STORM SMART INDUSTRIES, 6182 IDLEWILD STREET, FORT MYERS, FL, 33966, FL PRODUCT APPROVAL #29706, OPENING #.
- ALTERNATE FASTENER BRAND VALUES TO BE EQUAL TO OR GREATER THAN SPECIFIED.
- MAXIMUM ALLOWABLE DESIGN PRESSURE: +/- 90 PSF. SPAN SHOULD EQUAL SHORTEST MEASUREMENT. MAXIMUM ALLOWABLE SPAN EQUALS 18 FT (216 IN).
- SPANS ARE MEASURED FROM FASTENER TO FASTENER.

EVALUATION BASED ON TEST REPORTS PROVIDED BY:
FENESTRATION TESTING LABORATORY, Inc.

TEST CERT No. LAB No. PROJECT No.
TST1657 10768 19-8870
16-0425.08 10705 19-8870
04-24-2019 10769 19-8870

STANDARDS TESTED & PASSED:
TAS201, TAS202, TAS203, ASTM1996-12, ASTM1886-05,
ASTM E330/E330M-14

APPROVED EDGES



HURRICANE BARRIER

MECHANICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL ROLL VALUE	
			MD	CD
GRAB TENSILE STRENGTH	ASTM D4632	LBS	500	550
TRAPEZOID TEAR STRENGTH	ASTM D4533	LBS	200	250
MULLEN BURST	ASTM D3786	PSI	750	
PUNCTURE STRENGTH	ASTM D4833	LBS	200	
AIR FLOW	ASTM D737	CFM	175	
PERCENT OPEN AREA	COE-02215	%	5	
UV RESISTANCE (QUV)	ASTM G154	% STRENGTH RETAINED	70	

PHYSICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE
WEIGHT	ASTM D5261	QZ/YD	9.7
THICKNESS	ASTM D5199	MIL	21
CONSTRUCTION		EPI/PPI	60 X 63
FIBER CONTENT			100% PP

FABRIC DESCRIPTION: POLYPROPYLENE MONNOFILAMENT WOVEN INTO K=BASKET WEAVE PATTERN.
COLOR OPTIONS: BEIGE/BLACK (BROWN), BEIGE/WHITE (BONE), BLACK/WHITE (GRAY), WHITE, & BLACK.



SPECIALTY ENGINEERING SERVICES & SOLUTIONS, LLC
19050 Somerset Street, Orlando FL 32833
CA#32371
(561) 412-8287

STORM SMART INDUSTRIES, INC.

6182 IDLEWILD STREET
FORT MYERS, FL
(239) 938-1000

STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM
FL #29706

DATE

12/14/20

CHKD

DRWN

S.D.F.

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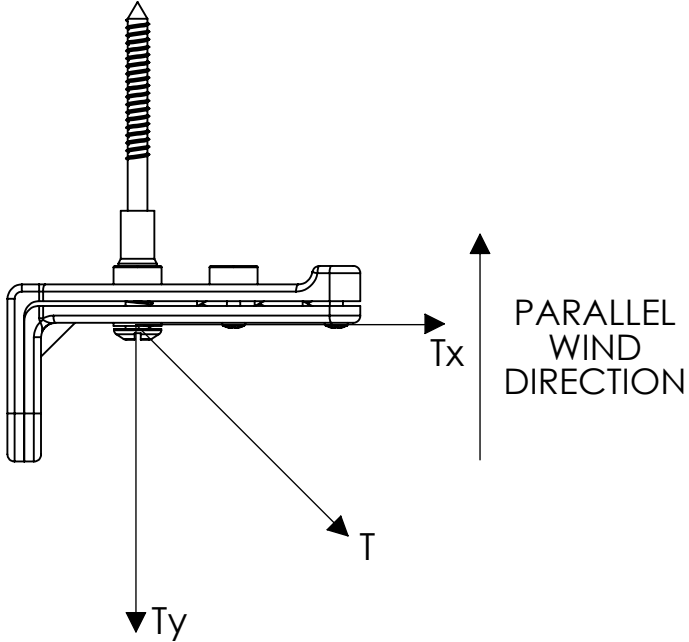
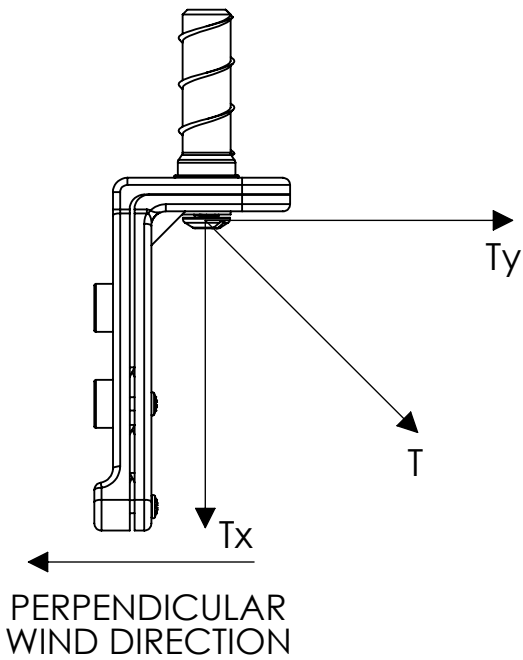
C

B

A

TENSION (PLF) PERPENDICULAR TO WIND LOAD													
Span (in.)	DESIGN PRESSURE (PSF)												
	30	35	40	45	50	55	60	65	70	75	80	85	90
48	16	16	24	32	32	40	48	288	56	64	64	72	72
54	16	16	24	32	32	40	48	56	56	64	64	72	72
60	16	16	24	32	32	40	48	56	56	64	64	72	80
66	16	16	24	32	32	40	48	56	56	64	64	72	80
72	16	24	24	32	32	40	48	56	56	64	72	72	80
78	16	24	24	32	32	40	48	56	56	64	72	72	80
84	16	24	24	32	40	40	48	56	56	64	72	72	80
90	16	24	24	32	40	40	48	56	56	64	72	72	80
96	16	24	24	32	40	40	48	56	64	64	72	80	80
102	16	24	24	32	40	40	48	56	64	64	72	80	80
108	16	24	24	32	40	40	48	56	64	64	72	80	88
114	16	24	24	32	40	48	48	56	64	64	72	80	88
120	16	24	24	32	40	48	48	56	64	72	72	80	88
126	16	24	24	32	40	48	56	56	64	72	72	80	88
132	16	24	24	32	40	48	56	56	64	72	72	80	88
138	16	24	24	32	40	48	56	56	64	72	80	80	88
144	16	24	24	32	40	48	56	56	64	72	80	80	88
150	16	24	24	32	40	48	56	64	64	72	80	88	88
156	16	24	24	32	40	48	56	64	64	72	80	88	96
162	16	24	32	32	40	48	56	64	72	72	80	88	96
168	16	24	32	32	40	48	56	64	72	80	80	88	96
174	16	24	32	32	40	48	56	64	72	80	88	96	96
180	16	24	32	40	40	48	56	64	72	80	88	96	104
186	16	24	32	40	48	56	64	72	72	80	88	96	104
192	16	24	32	40	48	56	64	72	72	80	88	96	104
198	16	24	32	40	48	56	64	72	80	80	88	96	104
204	24	24	32	40	48	56	64	72	80	88	96	104	112
210	24	24	32	40	48	56	64	72	80	88	96	104	112
216	24	24	32	40	48	56	64	72	80	88	96	104	112

TENSION (PLF) PARALLEL TO WIND LOAD													
Span (in.)	DESIGN PRESSURE (PSF)												
	30	35	40	45	50	55	60	65	70	75	80	85	90
48	72	86	96	110	120	134	144	158	168	182	192	206	216
54	81	96	110	125	139	149	163	178	192	206	216	230	245
60	90	106	120	139	154	168	182	197	211	226	240	254	274
66	99	120	134	149	168	182	202	216	235	250	264	283	298
72	108	130	144	163	182	202	216	235	254	274	288	307	326
78	117	139	158	178	197	216	235	254	274	293	312	331	350
84	126	149	168	192	211	235	254	274	298	317	336	360	379
90	135	158	182	206	226	250	274	293	317	341	360	384	408
96	144	168	192	216	240	264	288	312	336	360	384	408	432
102	153	182	206	230	259	283	307	331	360	384	408	437	461
108	162	192	216	245	274	298	326	355	379	408	432	461	490
114	171	202	230	259	288	317	346	374	403	427	456	485	514
120	180	211	240	274	302	331	360	394	422	451	480	514	542
126	189	221	254	288	317	350	379	413	442	475	504	538	571
132	198	235	264	298	331	365	398	432	466	499	528	562	595
138	207	245	278	312	346	384	418	451	485	518	552	590	624
144	216	254	288	326	360	398	432	470	504	542	576	614	648
150	225	264	302	341	379	413	451	490	528	566	600	638	677
156	234	274	312	355	394	432	470	509	547	586	624	667	706
162	243	288	326	365	408	446	490	528	571	610	648	691	730
168	252	298	336	379	422	466	504	547	590	634	672	715	758
174	261	307	350	394	437	480	523	566	610	653	696	739	787
180	270	317	360	408	451	499	542	586	634	677	720	768	811
186	279	326	374	422	466	514	562	605	653	701	744	792	840
192	288	336	384	432	480	528	576	624	672	720	768	816	864
198	297	350	398	446	499	547	595	643	696	744	792	845	893
204	306	360	408	461	514	562	614	667	715	768	816	869	922
210	315	370	422	475	528	581	634	686	739	787	840	893	946
216	324	379	432	490	542	595	648	706	758	811	864	922	974



MINIMUM SEPARATION FROM GLASS ADD 1" FOR MIAMI-DADE HVHZ													
Span (in.)	DESIGN PRESSURE (PSF)												
	90	85	80	75	70	65	60	55	50	45	40	35	30
48	4.8	4.7	4.6	4.6	4.5	4.5	4.3	4.0	3.7	3.3	3.0	2.7	2.3
54	4.8	4.8	4.7	4.6	4.6	4.5	4.4	4.0	3.7	3.4	3.0	2.7	2.4
60	4.9	4.8	4.7	4.7	4.6	4.6	4.4	4.1	3.7	3.4	3.1	2.7	2.4
66	4.9	4.9	4.8	4.7	4.7	4.6	4.4	4.1	3.8	3.4	3.1	2.7	2.4
72	5.0	4.9	4.8	4.8	4.7	4.7	4.5	4.1	3.8	3.4	3.1	2.8	2.4
78	5.1	5.0	4.9	4.8	4.7	4.7	4.5	4.2	3.8	3.5	3.1	2.8	2.4
84	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.2	3.9	3.5	3.2	2.8	2.5
90	5.2	5.1	5.0	4.9	4.8	4.8	4.6	4.2	3.9	3.5	3.2	2.8	2.5
96	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.3	3.9	3.6	3.2	2.9	2.5
102	5.3	5.2	5.1	5.0	4.9	4.9	4.7	4.3	4.0	3.6	3.2	2.9	2.5
108	5.4	5.3	5.2	5.1	4.9	4.9	4.7	4.3	4.0	3.6	3.3	2.9	2.5
114	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.4	4.0	3.7	3.3	2.9	2.6
120	5.5	5.4	5.3	5.1	5.0	5.0	4.8	4.4	4.0	3.7	3.3	2.9	2.6
126	5.6	5.4	5.3	5.2	5.1	5.0	4.8	4.5	4.1	3.7	3.3	3.0	2.6
132	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.5	4.1	3.7	3.4	3.0	2.6
138	5.7	5.6	5.4	5.3	5.2	5.1	4.9	4.5	4.1	3.8	3.4	3.0	2.6
144	5.8	5.6	5.5	5.3	5.2	5.1	4.9	4.6	4.2	3.8	3.4	3.0	2.7
150	5.9	5.7	5.6	5.5	5.3	5.2	5.0	4.7	4.3	3.9	3.5	3.1	2.7
156	6.0	5.9	5.7	5.6	5.4	5.4	5.2	4.8	4.4	4.0	3.6	3.2	2.8
162	6.1	6.0	5.8	5.7	5.5	5.5	5.3	4.9	4.5	4.1	3.6	3.2	2.8
168	6.3	6.1	6.0	5.8	5.7	5.6	5.4	5.0	4.5	4.1	3.7	3.3	2.9
174	6.4	6.2	6.1	5.9	5.8	5.7	5.5	5.1	4.6	4.2	3.8	3.4	3.0
180	6.5	6.3	6.2	6.0	5.9	5.8	5.6	5.2	4.7	4.3	3.9	3.4	3.0
186	6.6	6.5	6.3	6.2	6.0	5.9	5.7	5.3	4.8	4.4	3.9	3.5	3.1
192	6.8	6.6	6.4	6.3	6.1	6.0	5.8	5.4	4.9	4.5	4.0	3.6	3.1
198	6.9	6.7	6.6	6.4	6.2	6.2	5.9	5.5	5.0	4.6	4.1	3.7	3.2
204	7.0	6.8	6.7	6.5	6.4	6.3	6.0	5.6	5.1	4.6	4.2	3.7	3.3
210	7.1	7.0	6.8	6.6	6.5	6.4	6.2	5.7	5.2	4.7	4.3	3.8	3.3
216	7.3	7.1	6.9	6.8	6.6	6.5	6.3	5.8	5.3	4.8	4.3	3.9	3.4

Jeffrey C. Friant

Digitally signed by
Jeffrey C. Friant
Date: 2026.10.16
08:18:37 -04'00'

This item has been digitally signed and sealed by Jeffrey C. Friant, P.E. on the date adjacent to the seal. Signature must be verified on any electronic copies.

NOTES:

1. SEPERATION FROM GLAZING IS REQUIRED FOR ALL INSTALLATIONS WITHIN THE HIGH VELOCITY HURRICANE ZONE.

2. SEPERATION IS NOT REQUIRED FROM ANY APPROVED FENESTRATION PRODUCT THAT DOES NOT CONTAIN GLAZING.

3. LINEAR INTERPOLATION BETWEEN ANY VALUES LISTED IN THIS TABLE IS PERMITTED. ANY EXTRAPOLATION IS NOT ALLOWED.

JEFFREY C. FRIANT, P.E.
#PE0060974

VALID ONLY WITH ORIGINAL P.E. SEAL

STORM SMART

SPECIALTY ENGINEERING SERVICES & SOLUTIONS, LLC
19050 Somerset Street, Orlando FL 32833
(561) 412-8287
CA #32371

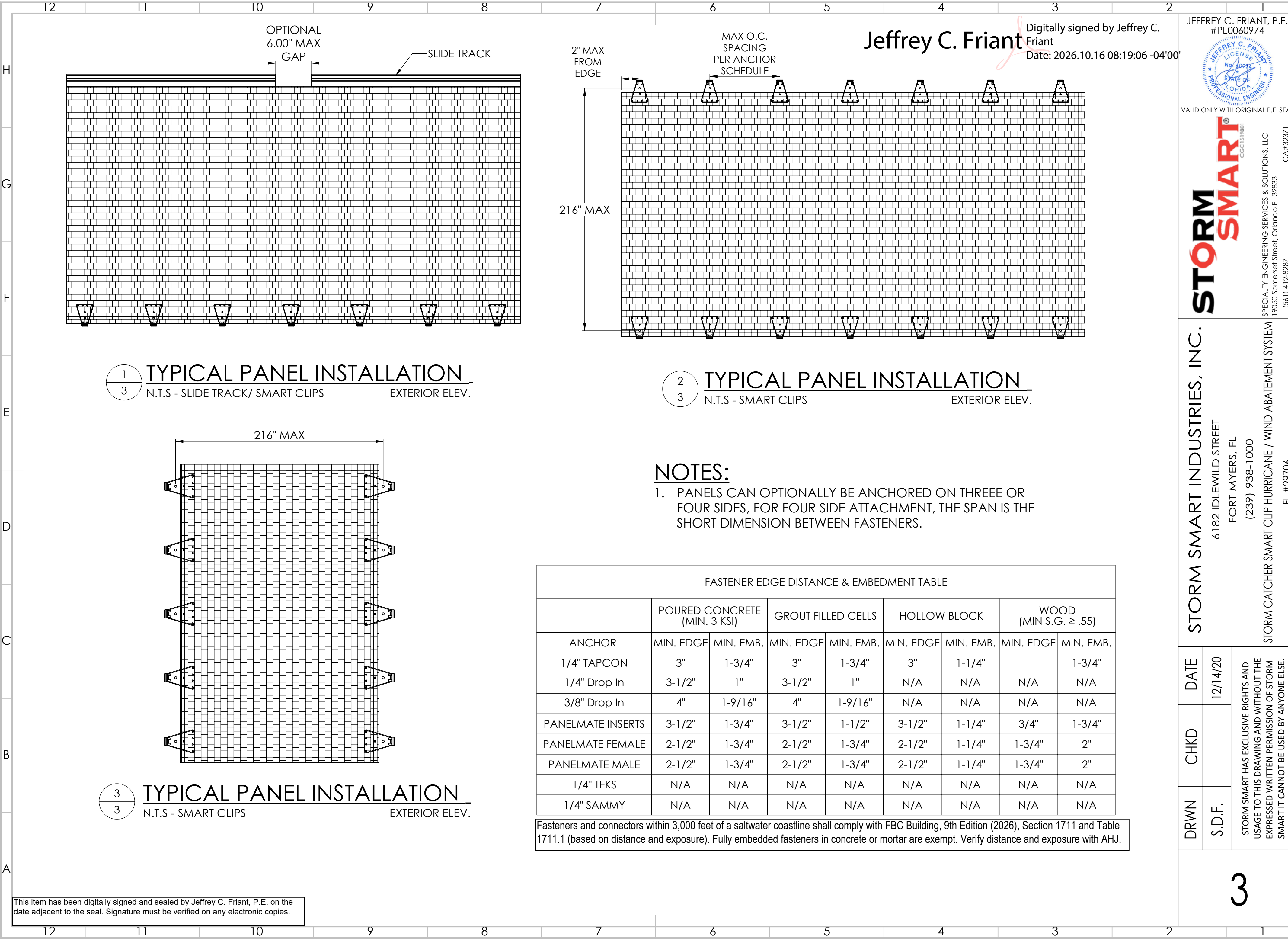
STORM SMART INDUSTRIES, INC.

6182 IDLEWILD STREET
FORT MYERS, FL
(239) 938-1000

STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM
FL #29706

DRWN	CHKD	DATE
S.D.F.		12/14/20
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2



1
3
TYPICAL PANEL INSTALLATION
N.T.S - SLIDE TRACK/ SMART CLIPS EXTERIOR ELEV.

2
3
TYPICAL PANEL INSTALLATION
N.T.S - SMART CLIPS EXTERIOR ELEV.

3
3
TYPICAL PANEL INSTALLATION
N.T.S - SMART CLIPS EXTERIOR ELEV.

- NOTES:**
- 1. PANELS CAN OPTIONALLY BE ANCHORED ON THREEE OR FOUR SIDES, FOR FOUR SIDE ATTACHMENT, THE SPAN IS THE SHORT DIMENSION BETWEEN FASTENERS.

FASTENER EDGE DISTANCE & EMBEDMENT TABLE								
ANCHOR	POURED CONCRETE (MIN. 3 KSI)		GROUT FILLED CELLS		HOLLOW BLOCK		WOOD (MIN S.G. ≥ .55)	
	MIN. EDGE	MIN. EMB.	MIN. EDGE	MIN. EMB.	MIN. EDGE	MIN. EMB.	MIN. EDGE	MIN. EMB.
1/4" TAPCON	3"	1-3/4"	3"	1-3/4"	3"	1-1/4"		1-3/4"
1/4" Drop In	3-1/2"	1"	3-1/2"	1"	N/A	N/A	N/A	N/A
3/8" Drop In	4"	1-9/16"	4"	1-9/16"	N/A	N/A	N/A	N/A
PANELMATE INSERTS	3-1/2"	1-3/4"	3-1/2"	1-1/2"	3-1/2"	1-1/4"	3/4"	1-3/4"
PANELMATE FEMALE	2-1/2"	1-3/4"	2-1/2"	1-3/4"	2-1/2"	1-1/4"	1-3/4"	2"
PANELMATE MALE	2-1/2"	1-3/4"	2-1/2"	1-3/4"	2-1/2"	1-1/4"	1-3/4"	2"
1/4" TEKS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1/4" SAMMY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Fasteners and connectors within 3,000 feet of a saltwater coastline shall comply with FBC Building, 9th Edition (2026), Section 1711 and Table 1711.1 (based on distance and exposure). Fully embedded fasteners in concrete or mortar are exempt. Verify distance and exposure with AHJ.

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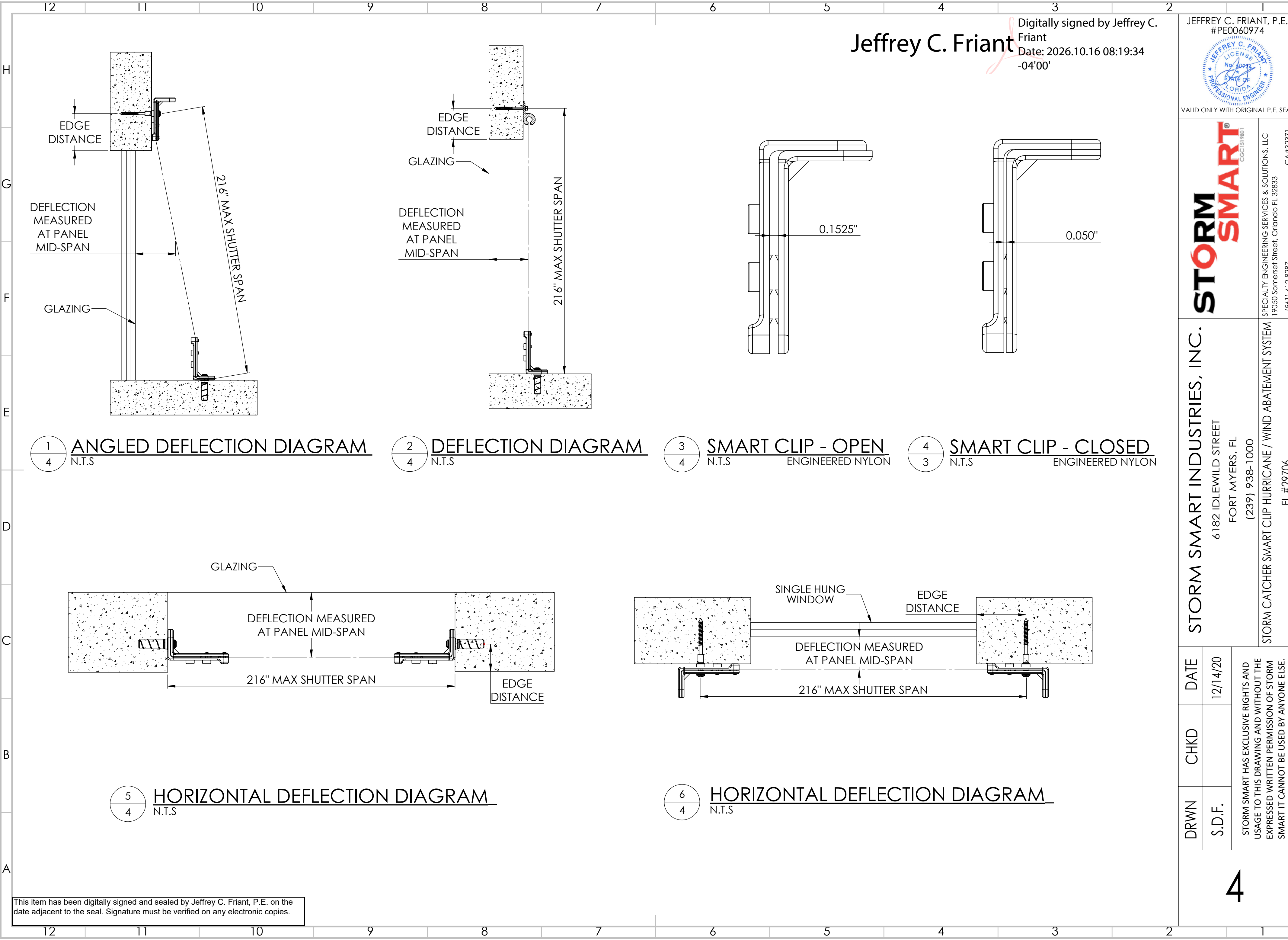
Jeffrey C. Friant
Digitally signed by Jeffrey C. Friant
Date: 2026.10.16 08:19:06 -04'00'

JEFFREY C. FRIANT, P.E.
#PE0060974
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FL #29706
STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM

DRWN	DATE
S.D.F.	12/14/20
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Jeffrey C. Friant

Digitally signed by Jeffrey C. Friant
Date: 2026.10.16 08:19:34 -04'00'

JEFFREY C. FRIANT, P.E.
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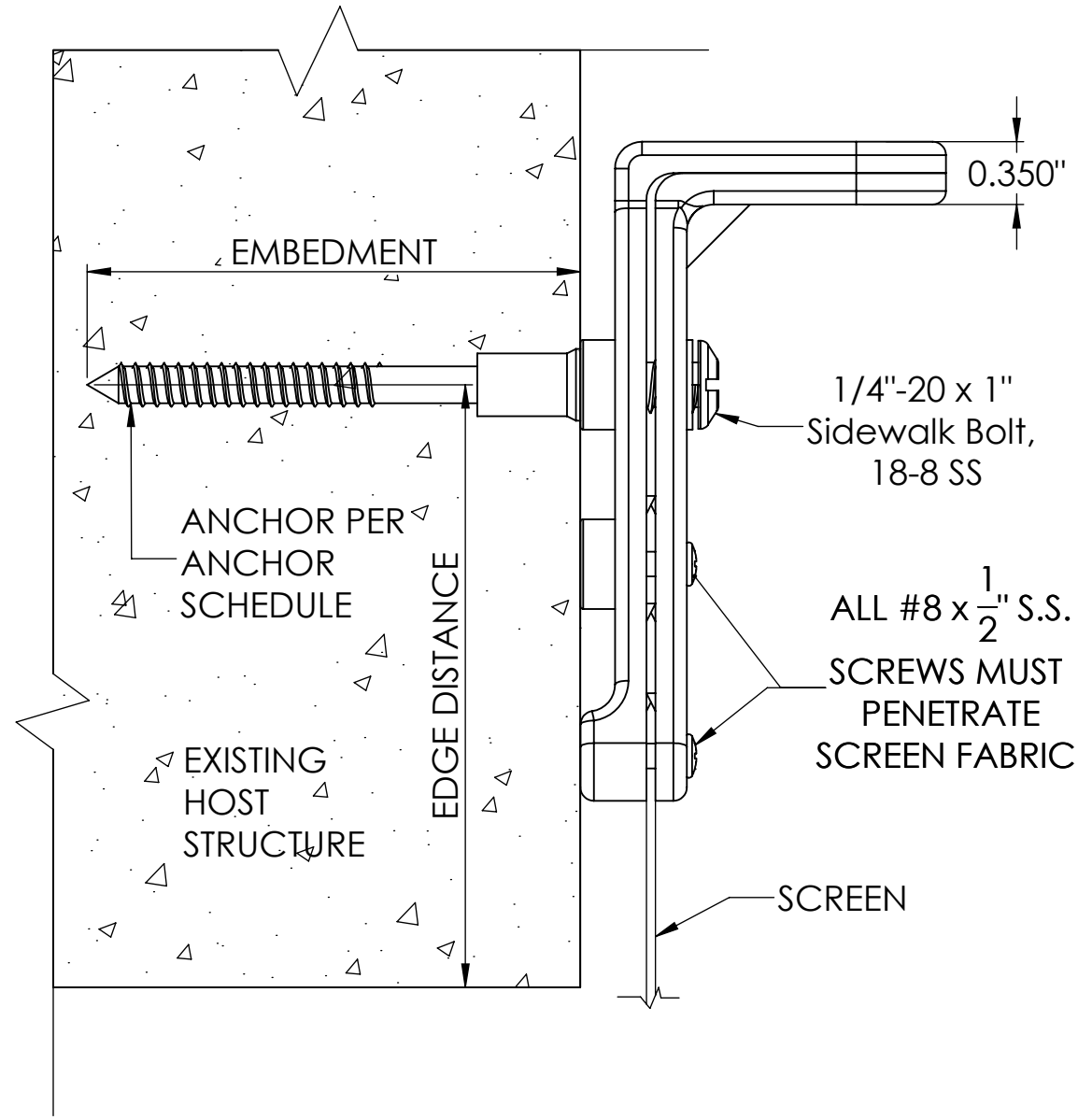
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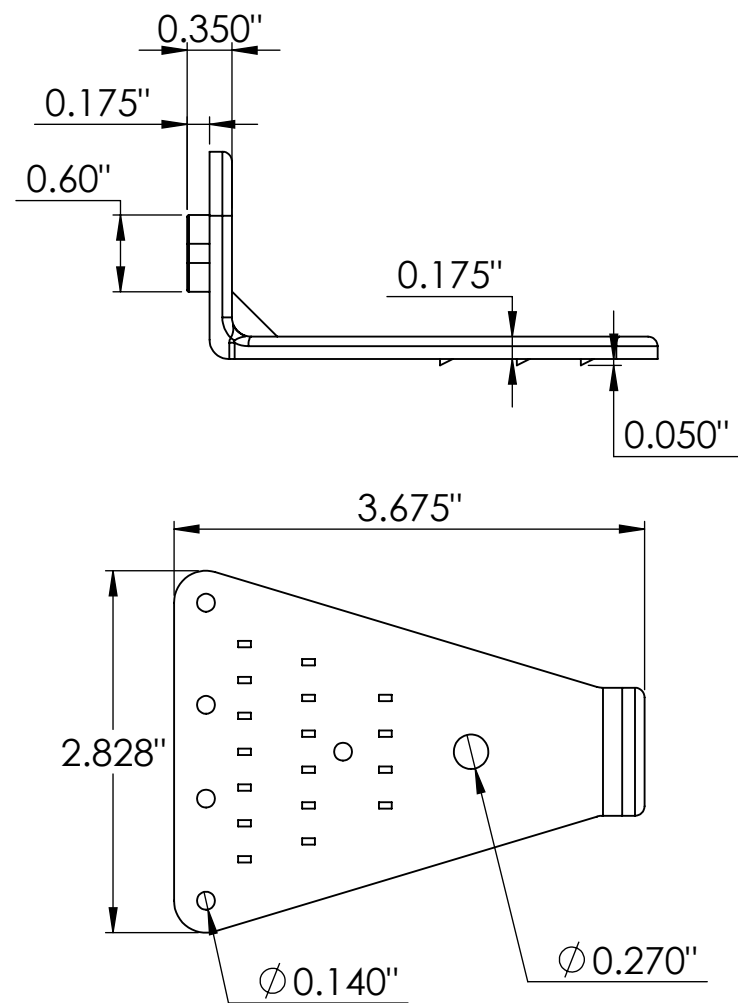
DRWN	S.D.F.	CHKD	DATE
			12/14/20

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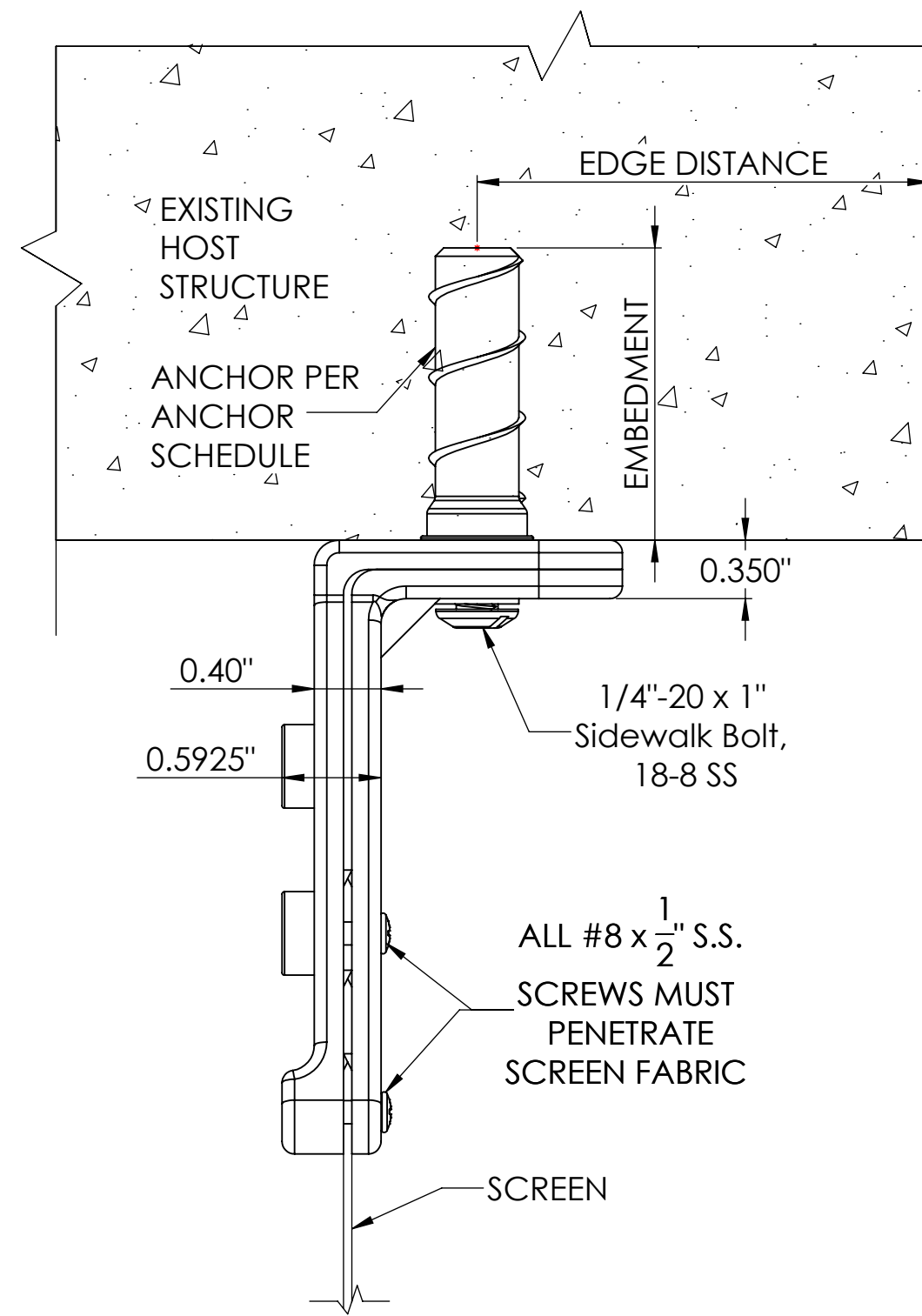
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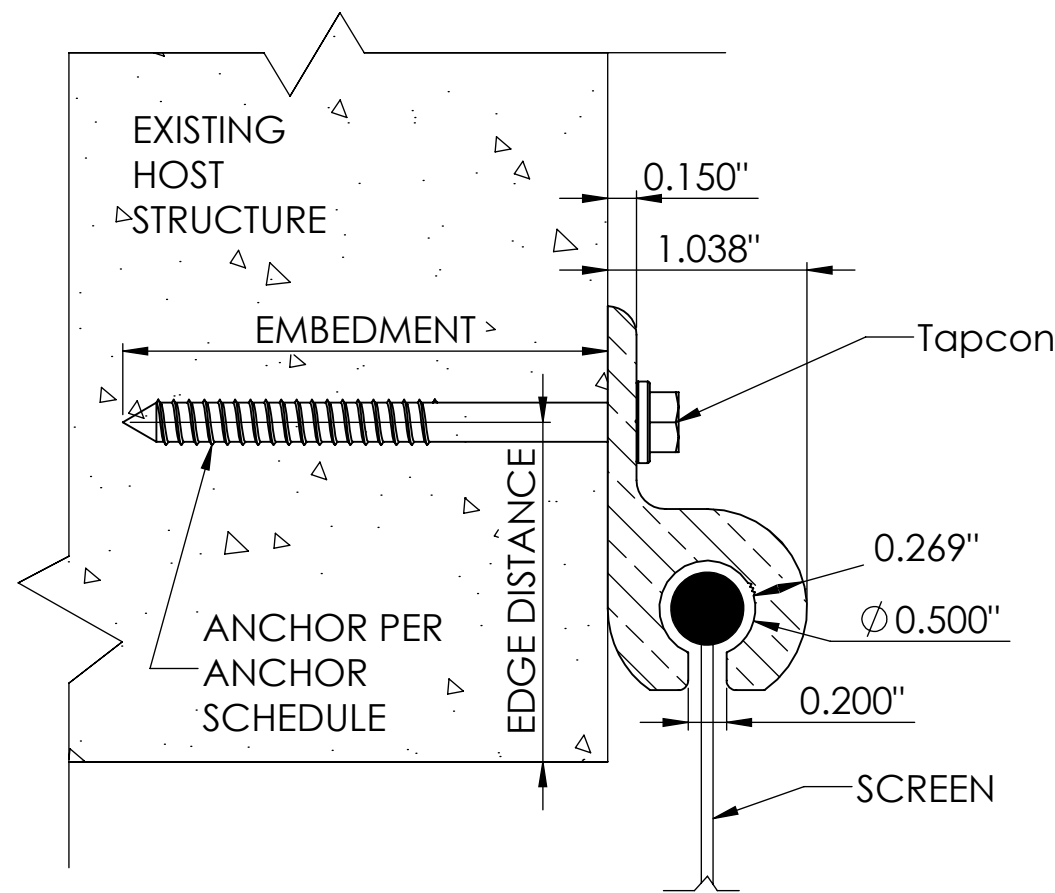
1
5
WALL MOUNT CONDITION
N.T.S SECTION VIEW



3
5
MOUNTING SMART CLIP
N.T.S ENGINEERED NYLON



2
5
INSIDE MOUNT CONDITION
N.T.S SECTION VIEW



4
5
SLIDE TRACK WALL MOUNT CONDITION
N.T.S 6063-T6 ALUMINUM

Jeffrey
C. Friant

Digitally signed
by Jeffrey C. Friant
Date: 2026.10.16
08:19:58 -04'00'

JEFFREY C. FRIANT, P.E.
#PE0060974
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SMART

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6182 IDLEWILD STREET
FORT MYERS, FL

(239) 938-1000

FL #29706

STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM

DRWN S.D.F.

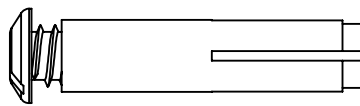
DATE 12/14/20

CHKD

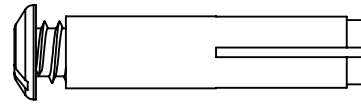
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3/8" & 1/4" POWERS DROP-IN



SCREEN SPANS UP TO	3/8" Drop In				
	POURED CONCRETE (MIN 3KSI)				
	ANCHOR SPACING (INCHES)				
	18	16	14	12	10
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	90	90	90	90	90
108	90	90	90	90	90
114	90	90	90	90	90
120	90	90	90	90	90
126	90	90	90	90	90
132	90	90	90	90	90
138	90	90	90	90	90
144	88	90	90	90	90
150	85	90	90	90	90
156	82	90	90	90	90
162	79	88	90	90	90
168	76	85	90	90	90
174	73	82	90	90	90
180	71	80	90	90	90
186	68	77	88	90	90
192	66	75	85	90	90
198	64	72	83	90	90
204	62	70	80	90	90
210	61	68	78	90	90
216	59	66	76	88	90

SCREEN SPANS UP TO	3/8" Drop In				
	GROUT FILLED CELLS				
	ANCHOR SPACING (INCHES)				
	18	16	14	12	10
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	85	90	90	90	90
108	81	90	90	90	90
114	76	86	90	90	90
120	73	82	90	90	90
126	69	78	89	90	90
132	66	74	85	90	90
138	63	71	81	90	90
144	61	68	78	90	90
150	58	65	75	87	90
156	56	63	72	84	90
162	54	61	69	81	90
168	52	58	67	78	90
174	50	56	64	75	90
180	48	55	62	73	87
186	47	53	60	70	84
192	45	51	58	68	82
198	44	50	57	66	79
204	43	48	55	64	77
210	42	47	53	62	75
216	40	45	52	61	73

SCREEN SPANS UP TO	1/4" Drop In				
	POURED CONCRETE (MIN 3KSI)				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	90	90	90	90	90
108	87	90	90	90	90
114	82	90	90	90	90
120	78	90	90	90	90
126	74	89	90	90	90
132	71	85	90	90	90
138	68	81	90	90	90
144	65	78	90	90	90
150	62	75	90	90	90
156	60	72	90	90	90
162	58	69	87	90	90
168	56	67	84	90	90
174	54	65	81	90	90
180	52	62	78	90	90
186	50	60	75	90	90
192	49	59	73	90	90
198	47	57	71	90	90
204	46	55	69	90	90
210	45	53	67	89	90
216	43	52	65	87	90

SCREEN SPANS UP TO	1/4" Drop In				
	GROUT FILLED CELLS				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	88	90	90	90	90
84	81	90	90	90	90
90	76	90	90	90	90
96	71	86	90	90	90
102	67	80	90	90	90
108	63	76	90	90	90
114	60	72	90	90	90
120	57	68	86	90	90
126	54	65	81	90	90
132	52	62	78	90	90
138	50	59	74	90	90
144	48	57	71	90	90
150	46	55	68	90	90
156	44	53	66	88	90
162	42	51	63	84	90
168	41	49	61	81	90
174	39	47	59	79	90
180	38	46	57	76	90
186	37	44	55	74	90
192	36	43	53	71	90
198	35	41	52	69	90
204	34	40	50	67	90
210	33	39	49	65	90
216	32	38	48	63	90

NOTE:
REFER TO SHEET 3 FOR FASTENER EDGE DISTANCE & EMBEDMENT TABLE.

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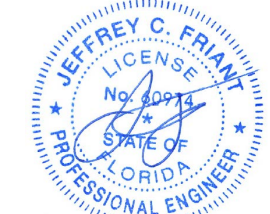
STORM SMART INDUSTRIES, INC.
6182 IDLEWILD STREET
FORT MYERS, FL
(239) 938-1000
STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM
FL #29706

DRWN	CHKD	DATE
S.D.F.		12/14/20
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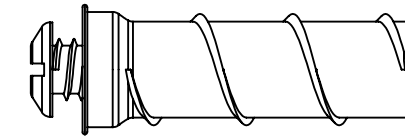
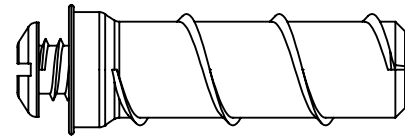
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Digitally signed by Jeffrey C. Friant
Date: 2026.10.16 08:21:21 -04'00'

JEFFREY C. FRIANT, P.E.
#PE0060974



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1/4" PANELMATE INSERT

SCREEN SPANS UP TO	PANELMATE INSERTS				
	POURED CONCRETE (MIN 3KSI)				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	90	90	90	90	90
108	90	90	90	90	90
114	90	90	90	90	90
120	90	90	90	90	90
126	90	90	90	90	90
132	90	90	90	90	90
138	90	90	90	90	90
144	90	90	90	90	90
150	90	90	90	90	90
156	90	90	90	90	90
162	87	90	90	90	90
168	84	90	90	90	90
174	81	90	90	90	90
180	78	90	90	90	90
186	75	90	90	90	90
192	73	88	90	90	90
198	71	85	90	90	90
204	69	83	90	90	90
210	67	80	90	90	90
216	65	78	90	90	90

SCREEN SPANS UP TO	PANELMATE INSERTS				
	GROUT FILLED CELLS				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	90	90	90	90	90
108	90	90	90	90	90
114	88	90	90	90	90
120	83	90	90	90	90
126	79	90	90	90	90
132	76	90	90	90	90
138	73	87	90	90	90
144	70	83	90	90	90
150	67	80	90	90	90
156	64	77	90	90	90
162	62	74	90	90	90
168	60	71	89	90	90
174	58	69	86	90	90
180	56	67	83	90	90
186	54	65	81	90	90
192	52	63	78	90	90
198	51	61	76	90	90
204	49	59	74	90	90
210	48	57	71	90	90
216	46	56	70	90	90

	PANELMATE INSERTS				
SCREEN SPANS UP TO	HOLLOW BLOCK				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	90	90	90	90	90
108	89	90	90	90	90
114	84	90	90	90	90
120	80	90	90	90	90
126	76	90	90	90	90
132	73	87	90	90	90
138	70	83	90	90	90
144	67	80	90	90	90
150	64	77	90	90	90
156	62	74	90	90	90
162	59	71	89	90	90
168	57	69	86	90	90
174	55	66	83	90	90
180	53	64	80	90	90
186	52	62	77	90	90
192	50	60	75	90	90
198	48	58	73	90	90
204	47	56	71	90	90
210	46	55	69	90	90
216	44	53	67	89	90

	PANELMATE INSERTS				
SCREEN SPANS UP TO	WOOD SYP (SG .55)				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	87	90	90	90	90
102	82	90	90	90	90
108	78	90	90	90	90
114	73	88	90	90	90
120	70	84	90	90	90
126	66	80	90	90	90
132	63	76	90	90	90
138	61	73	90	90	90
144	58	70	87	90	90
150	56	67	84	90	90
156	54	64	81	90	90
162	52	62	78	90	90
168	50	60	75	90	90
174	48	58	72	90	90
180	47	56	70	90	90
186	45	54	68	90	90
192	44	52	65	87	90
198	42	51	63	85	90
204	41	49	62	82	90
210	40	48	60	80	90
216	39	47	58	78	90

NOTE:

REFER TO SHEET 3 FOR FASTENER EDGE DISTANCE & EMBEDMENT TABLE.

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STORM SMART INDUSTRIES, INC.

6182 IDLEWILD STREET

FORT MYERS, FL

(239) 938-1000

STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM

FI #29706

STORM
SMART®
CGC11519801

SPECIALTY ENGINEERING SERVICES & SOLUTIONS, LLC
9050 Somerset Street, Orlando FL 32833
(561) 412-8287
CA #3237

DATE	CHKD	DRWN
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DRWN	S.D.F.
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12/14/20

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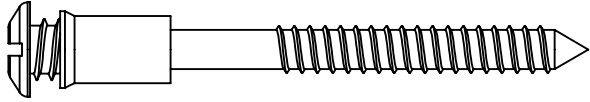
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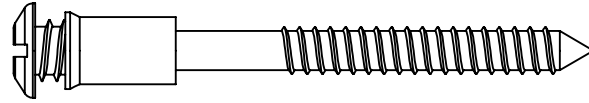
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B

A



1/4" PANELMATE FEMALE



Jeffrey C. Friant
Digitally signed by Jeffrey C. Friant
Date: 2026.10.16 08:22:13 -04'00'

JEFFREY C. FRIANT, P.E.
#PE0060974
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SCREEN SPANS UP TO	PANELMATE FEMALE				
	POURED CONCRETE (MIN 3KSI)				
	ANCHOR SPACING (INCHES)				
	18	16	14	12	10
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	85	90	90	90	90
108	81	90	90	90	90
114	76	86	90	90	90
120	73	82	90	90	90
126	69	78	89	90	90
132	66	74	85	90	90
138	63	71	81	90	90
144	60	68	78	90	90
150	58	65	75	87	90
156	56	63	72	84	90
162	54	60	69	81	90
168	52	58	67	78	90
174	50	56	64	75	90
180	48	54	62	73	87
186	47	53	60	70	84
192	45	51	58	68	82
198	44	49	57	66	79
204	43	48	55	64	77
210	41	47	53	62	75
216	40	45	52	60	73

SCREEN SPANS UP TO	PANELMATE FEMALE				
	GROUT FILLED CELLS				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	88	90	90	90	90
78	81	90	90	90	90
84	75	90	90	90	90
90	70	84	90	90	90
96	66	79	90	90	90
102	62	74	90	90	90
108	58	70	88	90	90
114	55	66	83	90	90
120	53	63	79	90	90
126	50	60	75	90	90
132	48	57	72	90	90
138	46	55	69	90	90
144	44	53	66	88	90
150	42	50	63	84	90
156	40	49	61	81	90
162	39	47	58	78	90
168	38	45	56	75	90
174	36	44	54	73	90
180	35	42	53	70	90
186	34	41	51	68	90
192	33	39	49	66	90
198	32	38	48	64	90
204	31	37	46	62	90
210	30	36	45	60	90
216	29	35	44	58	88

SCREEN SPANS UP TO	PANELMATE FEMALE				
	HOLLOW BLOCK				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	83	90	90	90	90
78	77	90	90	90	90
84	71	86	90	90	90
90	67	80	90	90	90
96	63	75	90	90	90
102	59	71	88	90	90
108	56	67	83	90	90
114	53	63	79	90	90
120	50	60	75	90	90
126	48	57	71	90	90
132	45	55	68	90	90
138	43	52	65	87	90
144	42	50	63	83	90
150	40	48	60	80	90
156	38	46	58	77	90
162	37	44	56	74	90
168	36	43	54	71	90
174	34	41	52	69	90
180	33	40	50	67	90
186	32	39	48	65	90
192	31	38	47	63	90
198	30	36	45	61	90
204	29	35	44	59	88
210	29	34	43	57	86
216	28	33	42	56	83

SCREEN SPANS UP TO	PANELMATE FEMALE				
	WOOD SYP (SG .55)				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	87	90	90	90	90
102	82	90	90	90	90
108	78	90	90	90	90
114	73	88	90	90	90
120	70	84	90	90	90
126	66	80	90	90	90
132	63	76	90	90	90
138	61	73	90	90	90
144	58	70	87	90	90
150	56	67	84	90	90
156	54	64	81	90	90
162	52	62	78	90	90
168	50	60	75	90	90
174	48	58	72	90	90
180	47	56	70	90	90
186	45	54	68	90	90
192	44	52	65	87	90
198	42	51	63	85	90
204	41	49	62	82	90
210	40	48	60	80	90
216	39	47	58	78	90

NOTE:
REFER TO SHEET 3 FOR FASTENER EDGE DISTANCE & EMBEDMENT TABLE.

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STORM SMART
SPECIALTY ENGINEERING SERVICES & SOLUTIONS, LLC
19050 Somerset Street, Orlando FL 32833
CA#32371

STORM SMART INDUSTRIES, INC.
6182 IDLEWILD STREET
FORT MYERS, FL
(239) 938-1000
FL #29706
STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM

DRWN	CHKD	DATE
S.D.F.		12/14/20
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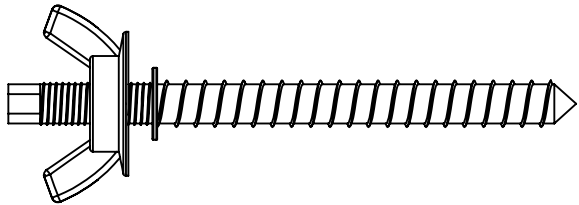
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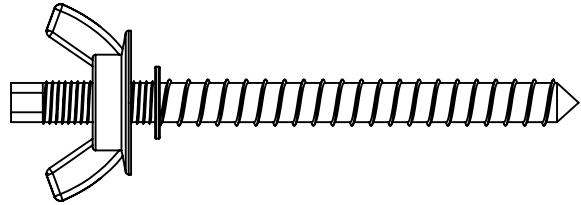
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B

A



1/4" PANELMATE MALE



Jeffrey C. Friant

Digitally signed by Jeffrey C. Friant
Date: 2026.10.16 08:22:55 -04'00'

JEFFREY C. FRIANT, P.E.
#PE0060974

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SCREEN SPANS UP TO	PANELMATE MALE				
	POURED CONCRETE (MIN 3KSI)				
	ANCHOR SPACING (INCHES)				
	18	16	14	12	10
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	90	90	90	90	90
108	90	90	90	90	90
114	86	90	90	90	90
120	82	90	90	90	90
126	78	88	90	90	90
132	75	84	90	90	90
138	71	80	90	90	90
144	68	77	88	90	90
150	66	74	84	90	90
156	63	71	81	90	90
162	61	68	78	90	90
168	59	66	75	88	90
174	57	64	73	85	90
180	55	62	70	82	90
186	53	60	68	79	90
192	51	58	66	77	90
198	50	56	64	75	89
204	48	54	62	72	87
210	47	53	60	70	84
216	46	51	59	68	82

SCREEN SPANS UP TO	PANELMATE MALE				
	GROUT FILLED CELLS				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	84	90	90	90	90
84	78	90	90	90	90
90	73	87	90	90	90
96	68	82	90	90	90
102	64	77	90	90	90
108	61	73	90	90	90
114	57	69	86	90	90
120	55	66	82	90	90
126	52	62	78	90	90
132	50	60	74	90	90
138	47	57	71	90	90
144	46	55	68	90	90
150	44	52	66	87	90
156	42	50	63	84	90
162	40	49	61	81	90
168	39	47	59	78	90
174	38	45	56	75	90
180	36	44	55	73	90
186	35	42	53	70	90
192	34	41	51	68	90
198	33	40	50	66	90
204	32	39	48	64	90
210	31	37	47	62	90
216	30	36	46	61	90

SCREEN SPANS UP TO	PANELMATE MALE				
	HOLLOW BLOCK				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	83	90	90	90	90
78	77	90	90	90	90
84	71	86	90	90	90
90	67	80	90	90	90
96	63	75	90	90	90
102	59	71	88	90	90
108	56	67	83	90	90
114	53	63	79	90	90
120	50	60	75	90	90
126	48	57	71	90	90
132	45	55	68	90	90
138	43	52	65	87	90
144	42	50	63	83	90
150	40	48	60	80	90
156	38	46	58	77	90
162	37	44	56	74	90
168	36	43	54	71	90
174	34	41	52	69	90
180	33	40	50	67	90
186	32	39	48	65	90
192	31	38	47	63	90
198	30	36	45	61	90
204	29	35	44	59	88
210	29	34	43	57	86
216	28	33	42	56	83

SCREEN SPANS UP TO	PANELMATE MALE				
	WOOD SYP (SG .55)				
	ANCHOR SPACING (INCHES)				
	12	10	8	6	4
48	90	90	90	90	90
54	90	90	90	90	90
60	90	90	90	90	90
66	90	90	90	90	90
72	90	90	90	90	90
78	90	90	90	90	90
84	90	90	90	90	90
90	90	90	90	90	90
96	90	90	90	90	90
102	90	90	90	90	90
108	90	90	90	90	90
114	90	90	90	90	90
120	90	90	90	90	90
126	90	90	90	90	90
132	90	90	90	90	90
138	90	90	90	90	90
144	90	90	90	90	90
150	90	90	90	90	90
156	90	90	90	90	90
162	90	90	90	90	90
168	90	90	90	90	90
174	90	90	90	90	90
180	90	90	90	90	90
186	90	90	90	90	90
192	90	90	90	90	90
198	90	90	90	90	90
204	90	90	90	90	90
210	90	90	90	90	90
216	39	47	58	78	90

NOTE:
REFER TO SHEET 3 FOR FASTENER EDGE DISTANCE & EMBEDMENT TABLE.

This item has been digitally signed and sealed by Jeffrey C. Friant, P.E. on the date adjacent to the seal. Signature must be verified on any electronic copies.

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CA #32371

STORM SMART INDUSTRIES, INC.
6182 IDLEWILD STREET
FORT MYERS, FL
(239) 938-1000

STORM CATCHER SMART CLIP HURRICANE / WIND ABATEMENT SYSTEM
FL #29706

DRWN	CHKD	DATE
S.D.F.		12/14/20
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