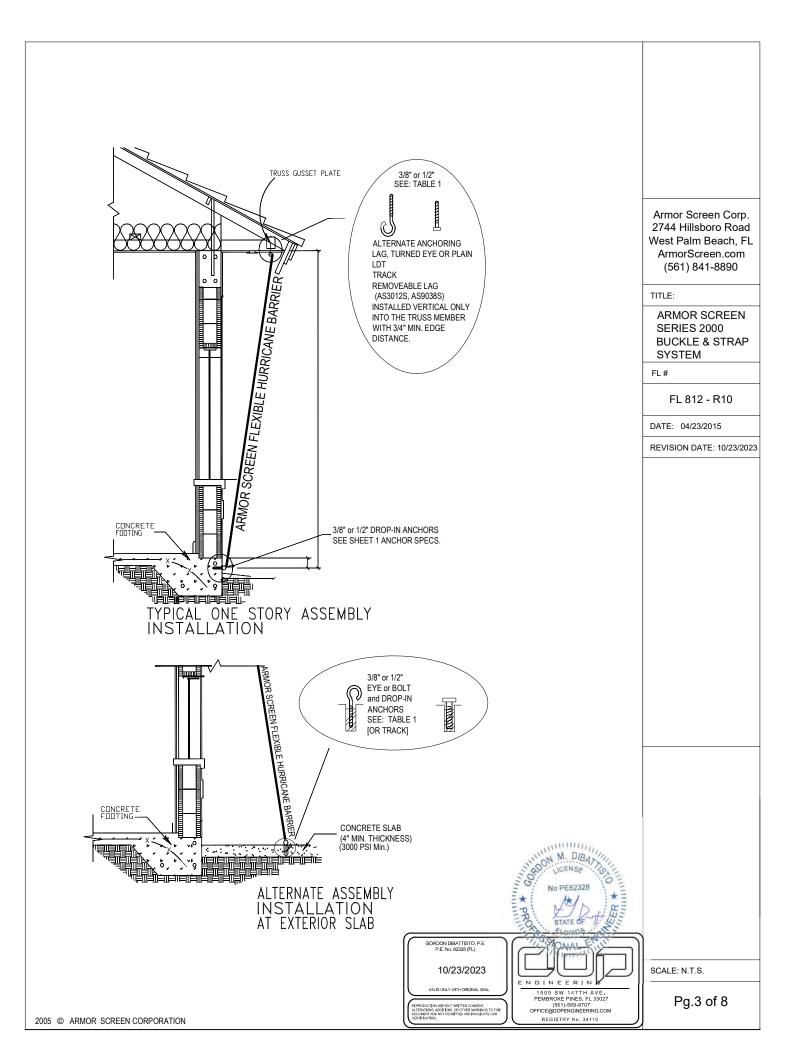
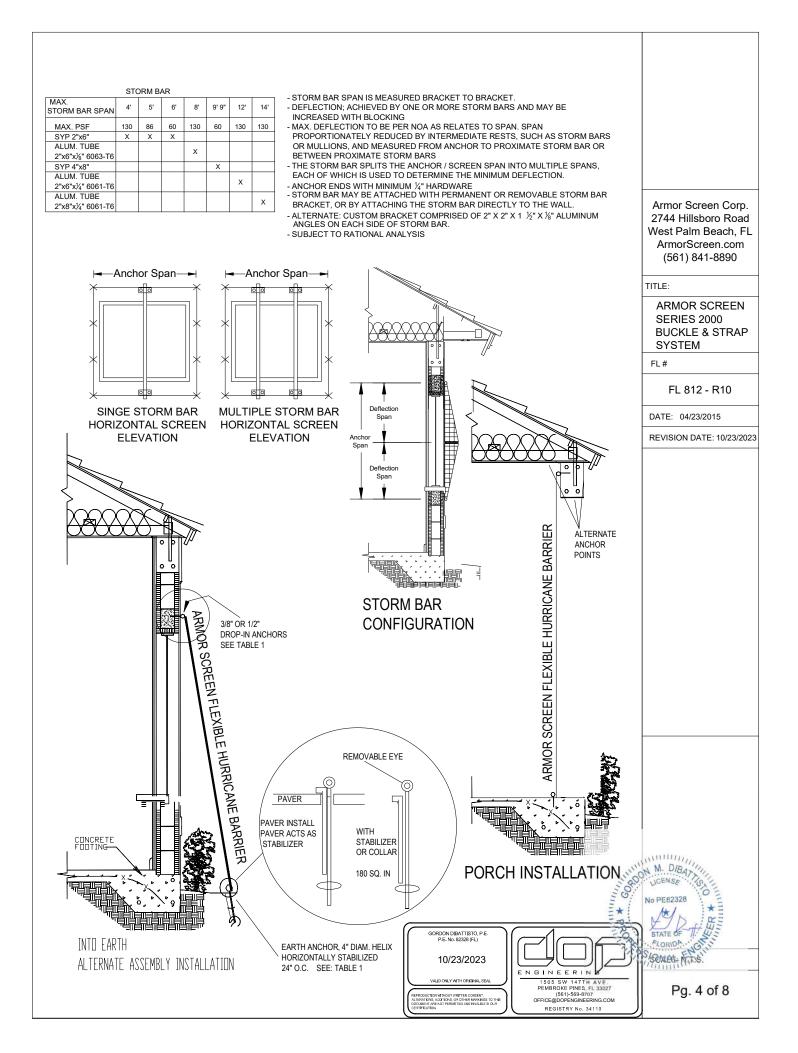
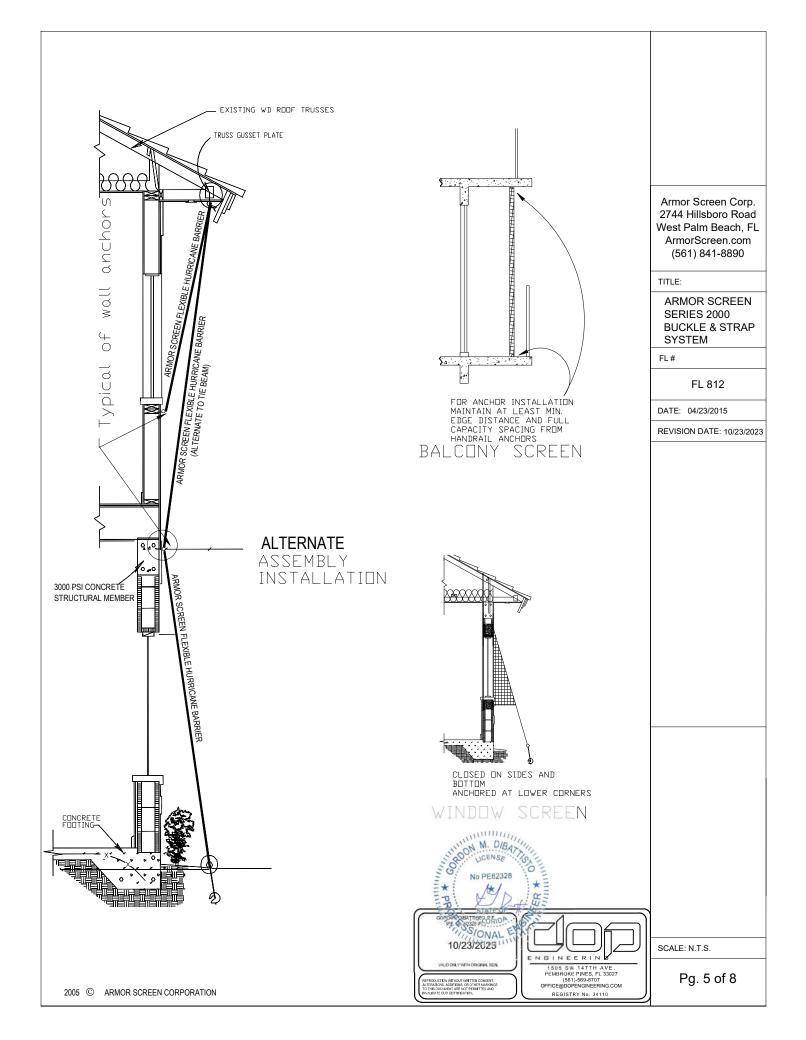
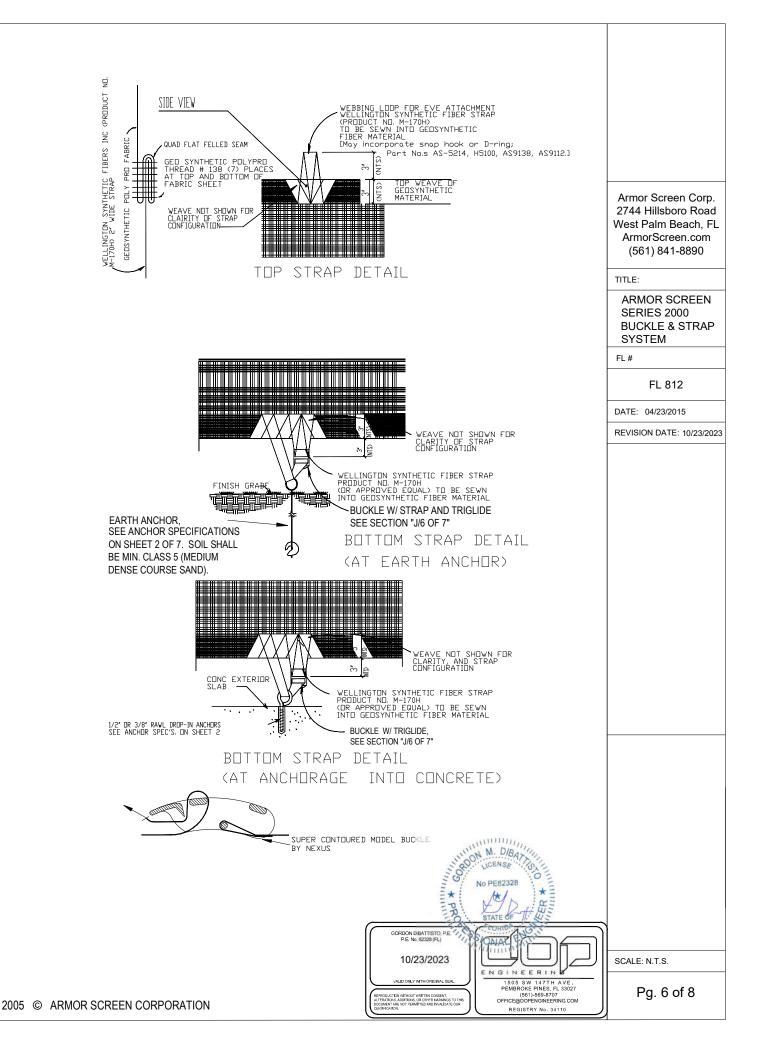


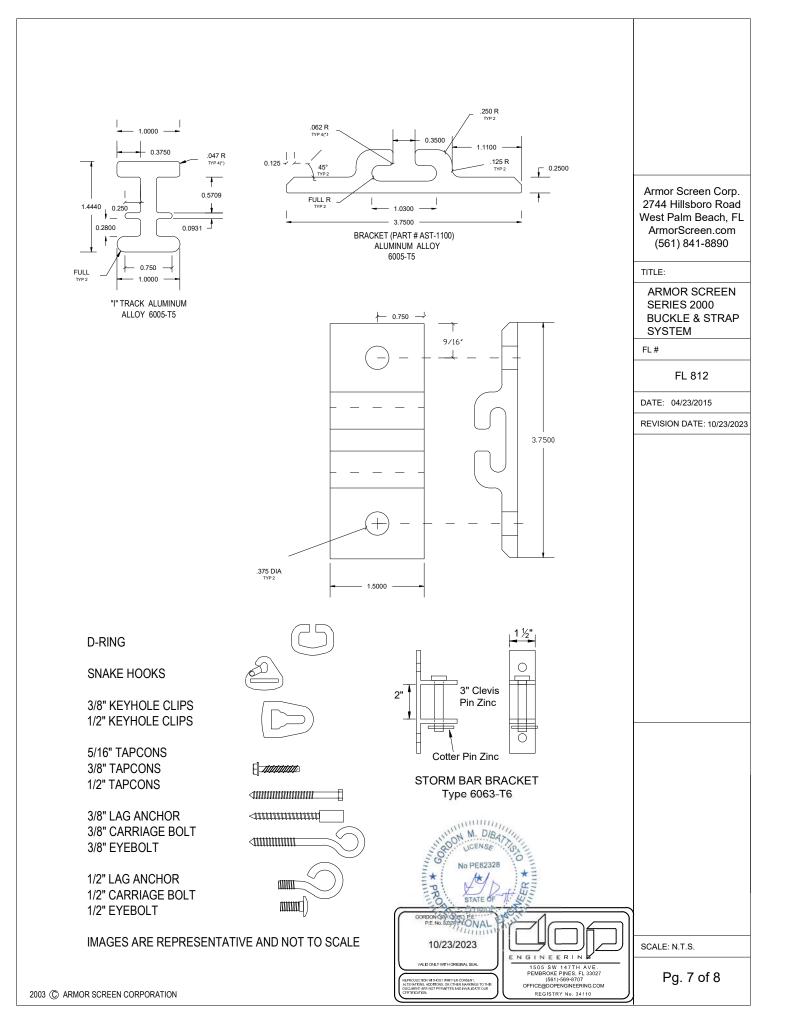
Span in feet	D-0		Spacing	4.1		Choices *	** 1	
	Deflection in inches	1' O/C Design pr	2' O/C	1 * ³ ⁄ ₈ " open eye	2* ³ ⁄ ₈ " bolt	3 *	4 * ½" bolt	
4'	5.5"	130	65	X	X	X	X	
6'	6.7"	130	65		Х	X	Х	
6'	6.7"	92.75	46	Х	Х	Х	Х	
8'	8.5"	130	90				Х	
8'	8.5"	130	65			X	X	
8'	8.5"	115	58		X	X	X	Armor Screen Corp. 2744 Hillsboro Road
8'	8.5"	68.75	34	X	Х	X	X	West Palm Beach, F
10'	16"	130	90		v	v	X X	ArmorScreen.com
10' 10'	<u> </u>	130 94.75	65 47	Х	<u>х</u> х	X	X	(561) 841-8890
12'	21"	130	90	~	^	~	X	
12'	21"	130	65			x	X	TITLE:
12'	21"	120	60		Х	X	X	ARMOR SCREEN
12'	21"	69.75	35	Х	Х	X	Х	SERIES 2000
14'	30"	130	80				Х	BUCKLE & STRAP
14'	30"	130	65			X	Х	SYSTEM
14'	30"	120	60		Х	X	Х	FL #
14'	30"	64.75	32	Х	Х	X	Х	=
16'	39"	130	75				Х	FL 812 - R10
16'	39"	130	65			X	Х	
16'	39"	110	55		Х	X	X	DATE: 04/23/2015
16'	39"	60	34.25	Х	Х	X	X	REVISION DATE: 10/23/20
20' 24'	40" 41"	58.00 48.00	29.00 24.00			X	X	
TIE. Des	lan bressure					es. ¾" & ½" thread.		
ACK SYST - into hol - into col - into col - into wo - into wo DTES:	IEM: Table a llow block, m ncrete, min. ncrete, min. 2 od (SYP. sg. od (SYP. sg.	e may be in applies to hin. 1 $\frac{1}{4}$ " en 1 $\frac{3}{4}$ " embed 2" embed . 0.55), mi . 0.55), mi	ncreased track sys mbed car ed can be can be in n. 1" emb n. 2" emb	by 5% for neg tem, anchored be installed as installed as in stalled as in co ed can be inst ed installed as	ative loads. I with two ⁵ ⁄ is in column n column 3* blumn 4* talled as in o s in column	3/ ₈ " & ¹ / ₂ " thread. 1/ ₆ " fasteners pe 1* column 1* 3*	r cleat, as follo	
ACK SYST - into hol - into con - into wo - into wo OTES: <u>chor Spaci</u> <u>an</u> : is mea <u>flection</u> : is alysis. ICHOR SP	TEM: Table a llow block, m ncrete, min. 2 nod (SYP. sg. od (SYP. sg. od (SYP. sg. ng: varies ir asured ancho minimum gla ECIFICATIO	e may be in applies to nin. 1 $\frac{1}{4}$ " en 1 $\frac{3}{4}$ " embed 2" embed . 0.55), mi . 0.55), mi nversely w pr to ancho ass separa	ncreased track sys mbed car ed can be can be in n. 1" emb n. 2" emb n. 2" emb ith pressu or and is s	by 5% for neg tem, anchored be installed as installed as in stalled as in co ed can be inst ed installed as ure and is subj subject to ratio	ative loads. I with two $\frac{5}{2}$ is in column 3* column 4* called as in column in column ect to ration nal analysis	3/8" & 1⁄2" thread. 16" fasteners pe 1* column 1* 3* al analysis, Ma:	r cleat, as follo x 24"/ Min 6" C	
ACK SYST - into hol - into con - into wo - into wo - into wo DTES: <u>chor Spaci</u> <u>an</u> : is mea <u>flection</u> : is alysis. ICHOR SP g Anchors:	IEM: Table a llow block, m ncrete, min. 2 ood (SYP. sg. ood (SYP. sg. ood (SYP. sg. ng: varies ir asured ancho minimum gla ECIFICATIO %" Lag A ½" Lag A 72" Lag A Tapcon 5	e may be in applies to iin. 1 $\frac{1}{4}$ " end 2" embed 2" embed . 0.55), mi . 0.55), mi nversely w or to anchor ass separa ON: Anchor Mchor $\frac{1}{2}$ (a, $\frac{3}{8}$ ", or	hereased track sys mbed can be can be can be in n. 1" emb n. 2" emb ith pressu or and is s ation mea	by 5% for neg tem, anchored be installed as in stalled as in co ed can be inst ed installed as ine and is subj subject to ratio issured at mid-s	ative loads. I with two $\frac{5}{2}$ is in column 3* blumn 4* called as in o s in column ect to ration nal analysis span of scre	3/8" & 1/2" thread. 16" fasteners per 14 column 1* 3* al analysis, Mai reen and is subje and concrete	r cleat, as follo x 24"/ Min 6" C	
ACK SYST - into hol - into col - into col - into wo - into wo DTES: <u>chor Spaci</u> <u>an</u> : is mea <u>flection</u> : is alysis. ICHOR SP g Anchors: pp-in Ancho	IEM: Table a llow block, m ncrete, min. 2 od (SYP. sg. od (SYP. sg. od (SYP. sg. od (SYP. sg. minimum gla ECIFICATIO 3%" Lag A 1/2" Lag A 1/2" Lag A Tapcon 5 or: 3%" Steel embedm 1/2" Steel embedm	e may be in applies to nin. 1 $\frac{1}{4}$ " en 1 $\frac{3}{4}$ " embed 2" embed 2" embed 2" embed 2. 0.55), mi 0.55), mi 0.55), mi 0.55), mi nversely w or to ancho ass separa 0N: Anchor $\frac{5}{6}$ ", $\frac{3}{8}$ ", or 1 Drop-in a nent, 4" m 1 Drop-in a nent, 5" mi	track system mbed can bed can be can be inter- n. 1" emb n. 2" emb ith pressu or and is se ation mean $\frac{1}{2}$ " LDT of inchor in a n. edge of n. edge of	by 5% for neg tem, anchored be installed as in stalled as in co ed can be inst ed installed as in co ed can be inst ed installed as irre and is subj subject to ratio isoured at mid-s can anchor in 3000 PSI (min istance (Dewa	ative loads. I with two ^{5/} is in column 3* olumn 4* called as in o s in column ect to ration nal analysis span of scree both wood a .) concrete, alt or equal) .) concrete, alt or equal)	3/8" & 1/2" thread. 1/6" fasteners per 1* column 1* 3* al analysis, Ma: 2" min. 2" min. 1000 100 1000 1	r cleat, as follo x 24"/ Min 6" C	
ACK SYST - into hol - into col - into col - into wo - into wo DTES: <u>chor Spaci</u> <u>an</u> : is mea <u>flection</u> : is alysis. ICHOR SP g Anchors: pp-in Anchor:	IEM: Table a llow block, m ncrete, min. 2 nod (SYP. sg. od (SYP. sg. od (SYP. sg. od (SYP. sg. mained ancho minimum gla ECIFICATIO 3/8" Lag A 1/2" Lag A 1/2" Lag A 1/2" Lag A 1/2" Steel embedm 2" Steel embedm 2" Steel embedm 2" Steel embedm 2" Steel embedm 2" Steel embedm	e may be in applies to in. 1 $\frac{1}{4}$ " en 2" embed 2" embed 2" embed . 0.55), mi . 0.55), mi . 0.55), mi nversely w or to ancho ass separa 0N: Anchor schor $\frac{5}{16}$ ", $\frac{3}{8}$ ", or I Drop-in a nent, 4 " m I Drop-in a nent, 5" mi ary Systen J Load of E ss: 5 (med	track sys mbed can be can be can be in n. 1" emb n. 2" emb ith pressu or and is s ation mea $\frac{1}{2}$ " LDT in edge c nchor in 3 n. edge d n: Stabiliz arth Anci dium dens	by 5% for neg tem, anchored be installed as in stalled as in co- ed can be installed as ed can be installed as are and is subj subject to ratio isured at mid-s can anchor in 3000 PSI (min listance (Dewa 3000 PSI (min istance (Dewa zed $\frac{1}{2}$ " x 30" S for is 3150 LB se coarse sand	ative loads. I with two ^{5/} is in column 3* column 4* called as in of a in column ect to ration nal analysis span of screen both wood a .) concrete, alt or equal) .) concrete, alt or equal) Shaft with 4" S. d)	3/8" & 1/2" thread. 16" fasteners per 1* column 1* 3* al analysis, Mat en and is subje and concrete 1 ¹ / ¹ " min. 2" min	r cleat, as follo x 24"/ Min 6" C ct to rational	
ACK SYST - into hol - into col - into col - into wo - into wo DTES: <u>chor Spaci</u> <u>an</u> : is mea <u>flection</u> : is alysis. ICHOR SP g Anchors: pp-in Anchor: th Anchor: oxy Anchor	IEM: Table a llow block, m ncrete, min. 2 nod (SYP. sg. od (SYP. sg. od (SYP. sg. od (SYP. sg. mained ancho minimum gla ECIFICATIO 3/8" Lag A 1/2" Lag A 1/2" Lag A 1/2" Lag A 1/2" Steel embedm 2" Steel embedm 2" Steel embedm 2" Steel embedm 2" Steel embedm 2" Steel embedm	e may be in applies to in. 1 $\frac{1}{4}$ " en 2" embed 2" embed . 0.55), mi . 0.55), mi . 0.55), mi nversely w or to ancho ass separa 0N: Anchor $\frac{5}{16}$ ", $\frac{3}{8}$ ", or I Drop-in a nent, 4 " mi I Drop-in a nent, 5" mi ary Systen I Load of E ss: 5 (med D Red Head	track sys mbed can be can be can be in n. 1" emb n. 2" emb ith pressu or and is s ation mea $\frac{1}{2}$ " LDT in edge of nchor in 3 n. edge of n. edge of n. Stabiliz arth Anci dium dens d umbrella	by 5% for neg tem, anchored a be installed as in stalled as in co ed can be inst ed installed as in co ed installed as in co ed installed as ure and is subj subject to ratio isured at mid-s can anchor in 3000 PSI (min listance (Dewa 3000 PSI (min istance (Dewa 2000 PSI (min istance (Dewa 2000 PSI (min istance (Dewa 2000 PSI (min istance (Dewa 2000 PSI (min	ative loads. I with two ^{5/} is in column 3* column 4* called as in of a in column ect to ration nal analysis span of screen both wood a .) concrete, alt or equal) .) concrete, alt or equal) Shaft with 4" S. d)	3°_{8} " & $\frac{1}{2}$ " thread. 3°_{16} " fasteners period (14) column 1* 3* al analysis, Mai en and is subje and concrete 1 $\frac{1}{2}$ " min. 2" min. helix *	r cleat, as follo x 24"/ Min 6" C ct to rational	SCALE: N.T.S.



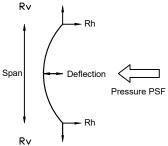








LOADS ON EXISTING STRUCTURE FROM SCREEN SYSTEM Rh= PERPENDICULAR LOADS (PSF)										
Span	Span in inches	PRESSURE (PSF)								
in feet		30 psf	40 psf	50 psf	60 psf	70 psf	90 psf	110 psf	130 psf	
3 ft.	38 in.	45	60	75	90	105	135	165	195	
4 ft.	48 in.	60	80	100	120	140	180	220	260	
5 ft.	60 in.	75	100	125	150	175	225	275	325	
6 ft.	72 in.	90	120	150	180	210	270	330	390	
7 ft.	84 in.	105	140	175	210	245	315	385	455	
8 ft.	96 in.	120	160	200	240	280	360	440	520	
9 ft.	108 in.	135	180	225	270	315	405	495	585	
10 ft.	120 in.	150	200	250	300	350	450	550	650	
11 ft.	132 in.	165	220	275	330	385	495	605	715	
12 ft.	144 in.	180	240	300	360	420	540	660	780	
13 ft.	156 in.	195	260	325	390	455	585	715	845	
14 ft.	168 in.	210	280	350	420	490	630	770	910	
15 ft.	180 in.	225	300	375	450	525	675	825	975	
16 ft.	192 in.	240	320	400	480	560	720	880	1040	
17 ft.	204 in.	255	340	425	510	595	765	935	1105	
18 ft.	216 in.	270	360	450	540	630	810	990	1170	
19 ft.	228 in.	285	380	475	570	665	855	1045	1235	
20 ft.	240 in.	300	400	500	600	700	900	1100	1300	
21 ft.	252 in.	315	420	525	630	735	945	1155	1365	
22 ft.	264 in.	330	440	550	660	770	990	1210	1430	
23 ft.	276 in.	345	460	575	690	805	1035	1265	1495	
24 ft.	288 in.	360	480	600	720	840	1080	1320	1560	



ARMOR SCREEN SERIES 2000 **BUCKLE & STRAP** SYSTEM FL #

TITLE:

Armor Screen Corp. 2744 Hillsboro Road West Palm Beach, FL ArmorScreen.com (561) 841-8890

FL 812

DATE: 04/23/2015

SCALE: N.T.S.

Pg. 8 of 8

REVISION DATE: 10/23/2023



Span	Span	PRESSURE (PSF)								
in feet	in inches	30 psf	40 psf	50 psf	60 psf	70 psf	90 psf	110 psf	130 psf	
3 ft.	38 in.	59	76	92	109	126	129	127	128	
4 ft.	48 in.	78	101	123	145	168	172	169	171	
5 ft.	60 in.	98	126	154	182	369	215	211	214	
6 ft.	72 in.	118	151	185	218	251	258	253	257	
7 ft.	84 in.	137	176	215	254	293	301	296	299	
8 ft.	96 in.	157	201	246	291	335	344	338	342	
9 ft.	108 in.	177	227	277	327	377	387	380	385	
10 ft.	120 in.	196	252	308	363	419	430	422	428	
11 ft.	132 in.	216	277	338	400	461	474	464	470	
12 ft.	144 in.	235	302	369	436	503	517	507	513	
13 ft.	156 in.	255	327	400	472	545	560	549	556	
14 ft.	168 in.	275	353	431	509	587	603	591	599	
15 ft.	180 in.	294	378	461	545	629	646	633	641	
16 ft.	192 in.	314	403	492	581	670	689	676	684	
17 ft.	204 in.	333	428	523	618	712	732	718	727	
18 ft.	216 in.	353	453	554	654	754	775	760	770	
19 ft.	228 in.	373	479	584	690	796	818	802	812	
20 ft.	240 in.	392	504	615	727	838	861	844	855	
21 ft.	252 in.	412	529	646	763	880	904	887	898	
22 ft.	264 in.	431	554	677	799	922	947	929	941	
23 ft.	276 in.	451	579	707	836	964	990	971	984	
24 ft.	288 in.	471	604	738	872	1006	1033	1013	1026	

NOTES:

1. Deflections are delivered from test results.

2. Deflection is the minimum glass separation measured at mid span of the screen and subject to rational analysis.

3. Reaction Rh can be positive (towards structure) or negative (away from structure). MINIMUM III PON M. DIBAT

GORDON DIBATTISTO, P.E. P.E. No: 82328 (FL)

0723/2023

ENGINEERIN

1505 SW 147TH AVE PEMBROKE PINES, FL 33027 (561)-569-8707 OFFICE@DOPENGINEERING.COM REGISTRY No. 34110

No PER

4. Rv is always tension as shown.