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To Whom It May Concern:

Subject: Windload Calculations

I have performed windload calculations for Solar Hydronics Corp. collectors in HVHZ and Florida at large - see tabulated results below:

Design calcs per ASCE 7-05 and current FBC.

Method 2 - Analytical Procedure

PZ 1 only

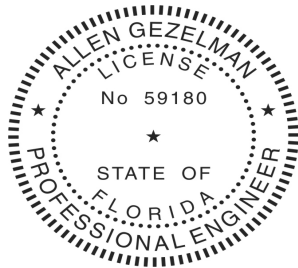
Kzt = 1.0 Importance factor I=1.0

Kz Table 6-3 Case 1 Kd= 0.85

Enclosed building, regular shape, rigid

ASCE 7-05 Equations 6-15 & 6-22

WZ	P@B30	P@C30	P@B60	P@C60	These are total uplift on 40sf collector.
160	1560	2184	1894	2518	Divide by anchor number to get bolt
150	1371	1919	1665	2213	load.
140	1194	1671	1449	1927	P is in pounds force.
130	1029	1441	1250	1661	Pressure calculated at height, WZ
120	876	1228	1065	1416	and exposure listed.
110	737	1032	895	1190	Interpolation is permtted.



Signed/sealed 6 July 09

Note: AHJs and others needing a signed/raised seal copy should contact me to get one by mail.