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September 16, 2016

Stefan King
Energy Consultant
True Energy USA, LLC
3840 Windermere Pkwy, STE 403
Cumming, GA 30041

RE: GT Benger-Herny Building solar array – verification of racking system for wind loads.
Se#16372

Dear Stefan,

At your request, I have analyzed the design schematic for the ballasted racking system supporting the proposed solar panels on the roof of the Benger-Herny Building at Georgia Tech. The rack system consists of Bay and moduale, clips, blocks, RM clip and bolt, RM footpad and the solar panels. The system was analyzed for resistance to wind loading, using the following parameters.

The following parameters were used to evaluate the roof:

Code: ASCE 7-10; Wind Speed: 115 mph; Wind exposure : B

My evaluation of the schematic design indicates that the racking system is sufficiently ballasted to resist design wind load requirements as require.

WARRANTY AND LIABILITY

This report/drawing set is based upon a visual observation of conditions as they existed at the time of the inspection only. Stability Engineering's investigation did not include a review of hidden or concealed conditions. Although an earnest effort has been made to discover and identify all visible defects, in the event of an oversight, Stability Engineering's maximum liability shall be limited to the fee paid for its services. Stability Engineering reserves the right to supplement or revise its opinions based upon changed conditions, further investigation by Stability Engineering or others, or new findings.

Stability Engineering warrants that its services are performed, within the limits prescribed by the Client, with that level of care and skill ordinarily exercised by members of the same profession currently practicing in the same locality under similar conditions. No other warranties or representations are expressed or implied. This report and its conclusions are intended for the exclusive use of the Client and Stability Engineering shall have no liability arising out of their unauthorized use by others.

Sincerely,
Stability Engineering, Inc.

A handwritten signature in black ink that reads 'Pierre Coiron'.

Pierre Coiron P.E., pres.

