

Structural Review

Project: Solar Panel Installation

Project No.: xxx-xx

Location: 123 Sample Street

Date: xx-xx-xxxx

Client: Sample Client Name

Application #

Reported by: Leekor Staff

Distribution: xxx

LEEKOR Engineering Inc. has been retained by *Client Name*. to carry out a structural review of the existing building located at *Site Address*.

We have verified the following documents:

- 1) Solar Project No. xx-xxx drawings xxx to xxx bearing the PEO seal dated *include date*.
- 2) Solar Load calculations Project No. xx-xxx drawings xx to xx bearing the PEO seal dated *include date*.

With regards to the proposed ballasted solar panel installation at the above noted property the following items have been addressed:

1. The structural review of the existing roof has been carried out by LEEKOR Engineering Inc. and we have determined that it is capable of supporting the additional loads imposed by the proposed solar panel installation as well as the design loads due snow, wind, seismic and self-weight in accordance with the 2015 National Building Code.
2. The additional loading of the 232 PV solar modules, including mounting framing and ballasts is (Array A) 4.33 Lbs/ Sq. Ft., (Array B) 5.54 Lbs/ Sq. Ft. as per TerraGen Solar documents.

Should you have any questions regarding this report please contact the undersigned.

LEEKOR Engineering Inc.,

Leekor Staff

Signature here

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