



ARCHITECTS P.C.
DESIGN | CONSULTING

e: oscar@omfarchitect.com
c: 646-244-1032

NYC Department of Buildings
Brooklyn Borough Office
210 Joralemon Street
Brooklyn, NY 11201

09/26/2023

Re: SOLAR PANEL INSTALLATION
JOANNE H RIZO FINKEL
1435 GLENWOOD RD,
BROOKLYN NY, 11230

To whom it may concern,

OMF Architects has reviewed the proposed solar panel installation at this location to evaluate the existing roof structure and the connection of the panels to the roof.

Criteria: Applicable codes: 2022 NYC Construction Code
2001 Wood Frame Construction Manual
Design roof load: 20 psf live load + 15 psf dead load = 35 psf total load
Design wind load: 120 mph, Exposure Category 'B'

Our office's findings are as follows:

1. The new solar panels will imply an additional dead load of approximately 3 psf. The existing roof structure (2" x 6" typical ceiling rafters @ approx. 16" o.c., span +/- 12'-0" at maximum) is sufficient to bear this additional load. Inaccessible, assumed, or concealed structural members that were not documented during the initial site analysis will be verified by the system installer prior to the system installation, and any discrepancies **must** be reported to the Architect in writing.
2. The solar panels are attached to the roof with a UL-2703 listed rail-based mounting system named InvisiMount, with components as shown on the attached drawings. The mounting system, roof connections, and connection spacing are rated for 120 mph.

I therefore confirm that this installation complies with the applicable codes and design loads mentioned above, as well as ASCE 7-16, and is acceptable for approval. Please do not hesitate to contact us if you have any further questions or concerns regarding this matter.

It is a violation of NYSED 7209 for any person, unless acting under the direction of a licensed professional, to alter an item in any way. If an item bearing the seal of a licensed professional is altered, the altering licensed professional must attach the notation 'altered by' with his seal, signature, date and description.

Sincerely,

