Professional design, installation and service of solar energy systems

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 02/07/18

January 24, 2018

City of Portland
389 Congress St
Portland, ME 04101

RE: ReVision Energy Solar Installation at 48 Overset Rd, Portland, ME

Dear Code Enforcement,

ReVision Energy has been contracted to design and install a solar electric system at the above address in Portland. This letter is to confirm that allwork will be performed by licensed and qualified installers, expert in the field andin compliance with both manufacturer's recommendations and all applicable local and state codes and standards.

ReVision Energy employs licensed engineers, plumbers, and electricians and carries the solar industries highest certifications (NABCEP) in both solar thermal and photovoltaic installation. We're committed to high quality, code compliant work and look forward to working together with the city and the CEO to ensure that all your requirements and needs are met and that our customer ends up with a system that is beautiful, functional and safe.

Structural: Photovoltaic modules are relatively light weight and add less than 3 psf to the roof dead load, less than a typical layer of asphalt shingles. When installed flush or parallel to the existing roof plane and consistent with manufacturers instructions, the installation of a solar array does not add snow or wind loading compared to the existing roof surface. For this reason, when an existing roof structure is sufficient to handle an additional layer of shingles with dead load < 3 psf as allowed by IEBC 2012 Section 706.2 Exc 3, it is also sufficient for the installation of a flush mounted rooftop solar array.

Electrical and grounding: All electrical work to be performed by a licensed ME electrician and will conform to NABCEP and OSHA work standards, manufacturer's recommendations as well as to NEC 2014, including specifically the Rapid Shutdown requirements in Article 690.12.

If you have any questions or concerns, we'd like to address them as quickly and completely as possible. Please don't hesitate to call or e mail anytime.

Respectfully,

Fortunat Mueller, P.E.
fortunat@revisionenergy.com
(207) 752-6358

STATE OF MAINE
FORTUNAT C MUELLER
No. 11246
LICENSED
PROFESSIONAL ENGINEER