

Design and Access Statement

Planning Application - PP-05420381 – UAL Kings Cross Solar Panels

23/08/2016

Design

The proposal is to build a solar array of 35.75kWp over four areas of the University of the Arts Kings Cross site's flat roof currently not utilised by plant. This is proposed to consist of:

- 143 off 250 W solar panels covering a total of 234 m²
- 1 x 15kW 3 phase inverter
- 2 x 10kW 3 phase inverter

The inverters would be located on the roof or within existing UAL plant space as applicable. Existing cable runs would be used to connect the solar arrays to an existing distribution board.

The design specifications for the proposed solar panels (Sapphire) and inverters (Solax) are attached to this application.

The panels will be mounted on the flat roof using a rack mounted system. They will not be visible from the street. They will not exceed above 1m above the flat roof.

The proposed areas and arrangements of panels are shown below in Figures 1 and 2.

Access

The roof will be accessed through UAL's internal goods lift with permission granted by UAL Estates team. UAL's temporary parking spaces will be used.



Figure 1: Proposed areas for panels on the UAL roof

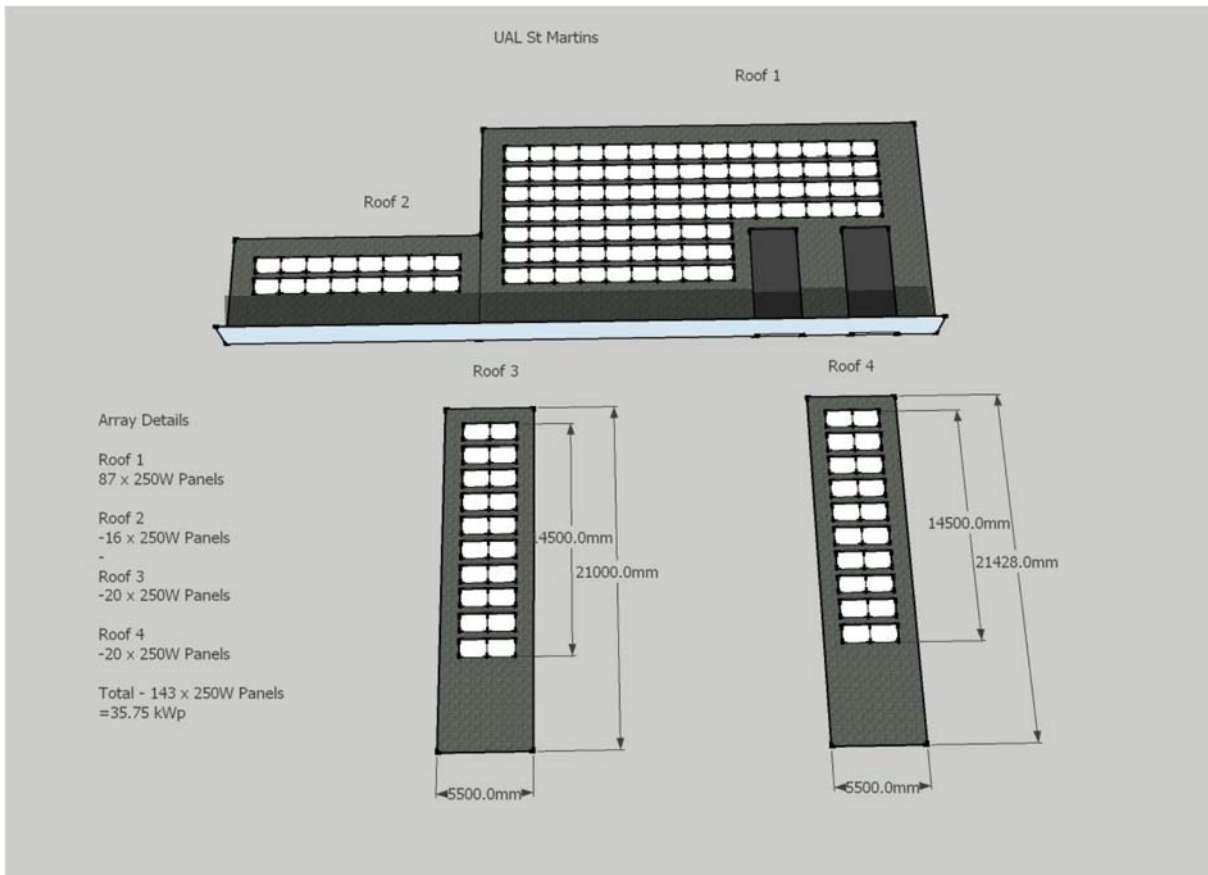


Figure 2: Dimensions and panel layouts