



**App ref: 2013/1969/P Plender Street Condition 26 Discharge:-  
FEASIBILITY REPORT: GREEN ROOF AND PV SYSTEM IMPLIMENTATION**

**PROJECT:** Plender Street, Camden

**NAME OF CONSULTANT:** RPS Architects

**DATE OF REPORT:** 10<sup>th</sup> November 2014

**Resources utilised:-**

- Keith Rowley– Principal Architectural Associate
- Lynsey Barnett – Landscape Assistant

**Design Development:-**

- Site:

Base site plan set up to include information provided by Southfacing. Information regarding the general building layout has been provided by RPS Architects. Designs for proposed green roof layout reflect both this information and details provided by Bauder.

This has been issued to Higgins for comment on 27<sup>th</sup> October 2014, as a preliminary drawing.

Copies of these were handed to Kevin Fisher of London Borough of Camden in a meeting held at the Camden offices on 5<sup>th</sup> November 2014.
- Block A:

Roof plans are produced and developed taking account of PV information received from Southfacing.

Green Roof area calculated using offsets from PV areas, Plant and lift access, and for implementation and maintenance access.

The resulting design suggests green roof area given very little opportunity to thrive on level 4 and no allowance is given to level 1 as this area is to be a paved terraced area. It would be presumed any area less than 1m<sup>2</sup> would not 'take' and perish without a strict management and maintenance strategy in place.

Having said that, the roof to level 3 would be a prime area for green roof as it is an area of 34m<sup>2</sup> and has no other obstacles encroaching on the potential area.
- Block B:

Roof plans are produced and developed taking account of PV information received from Southfacing.

Green Roof area calculated using offsets from PV areas, Plant and lift access, and for implementation and maintenance access.

Much like block A, block B's entire roof space offers little opportunity for a green roof to thrive due to the offsets from PV areas, Plant and lift access, and for implementation and maintenance access.

**In summary:-**

Above is a feasibility report which seeks to meet the requirements for condition 26 of planning application 2013/1969/P. It provides an analysis of the roof spaces to blocks A and B of Plender Street, and whether a green roof system could be feasibility implemented if combined with a PV system, which is understood to take precedent. This report uses information based on drawing AAA/ which is drawn using information provided by Southfacing, RPS Architects and Bauder.