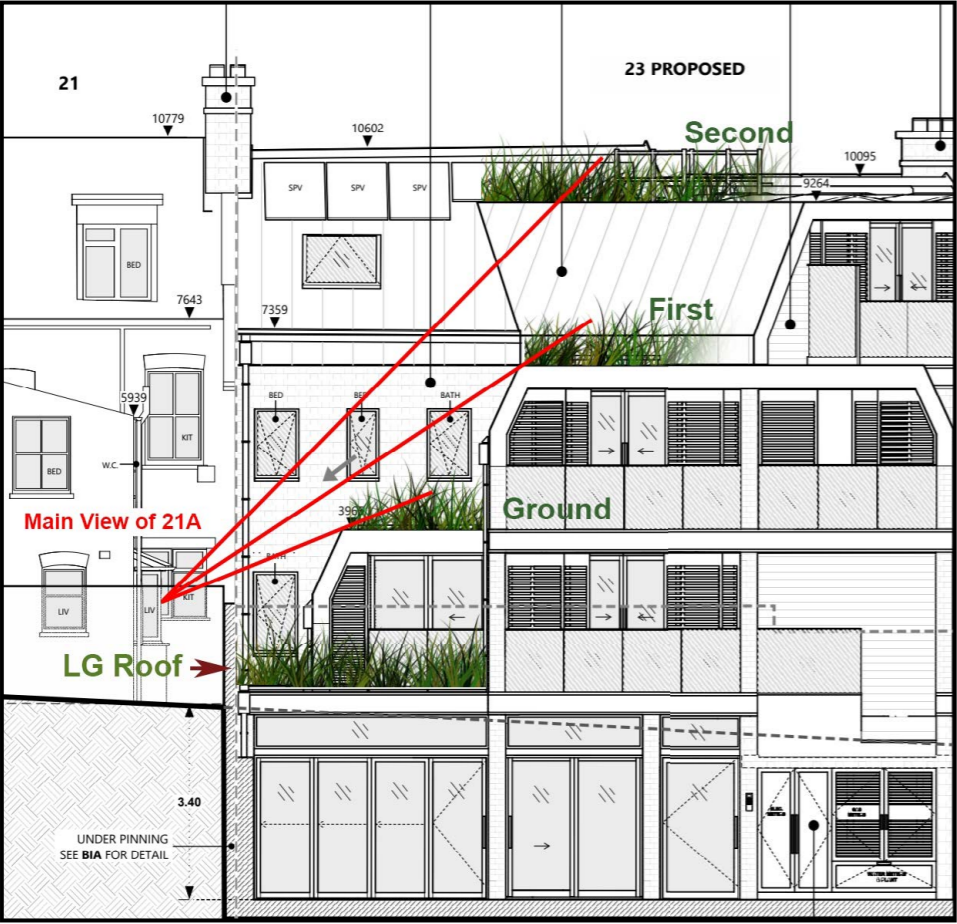
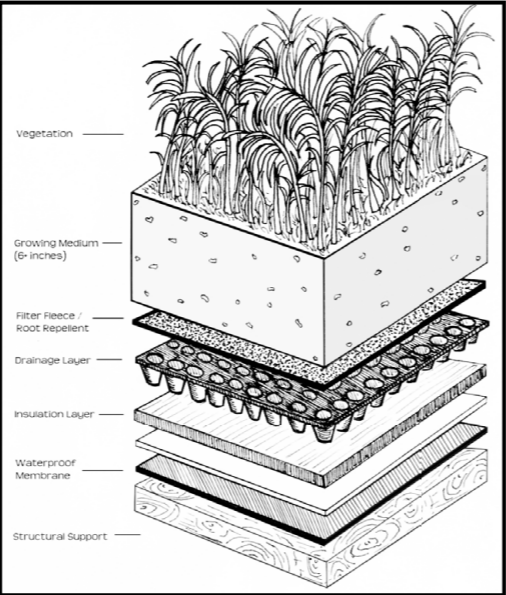
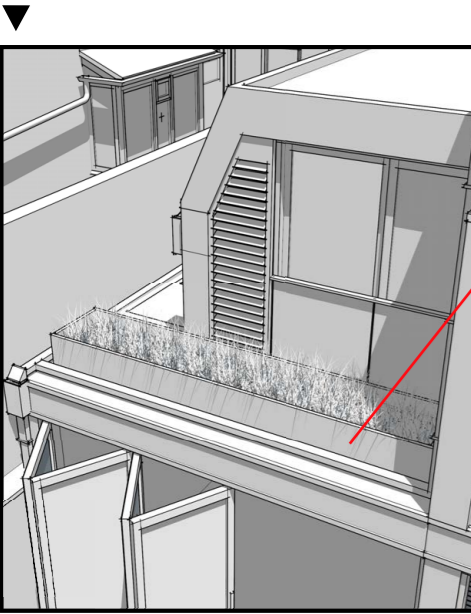


Misc Details: Intensive Green Roof / Overheating Risk / Slot Drain Detail

A: Constraints against the use of an intensive green roof.

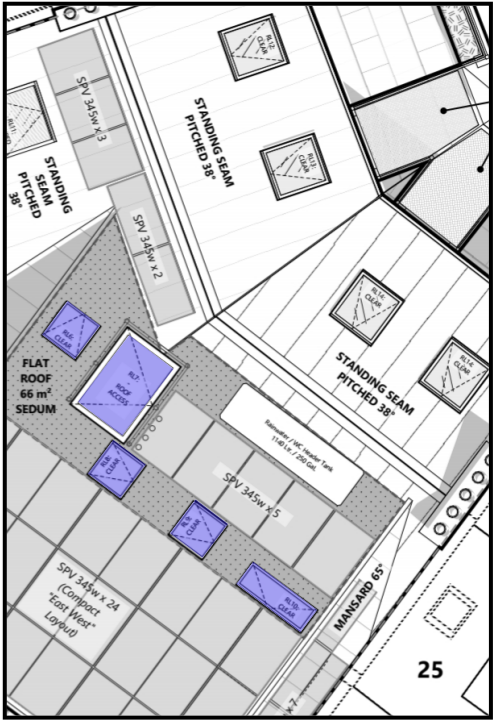
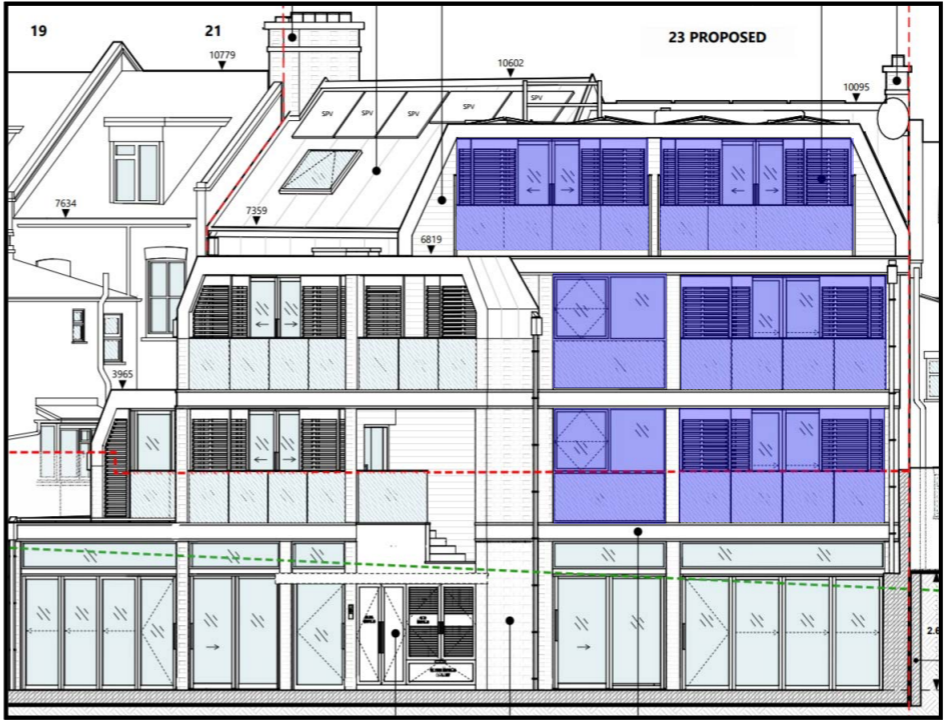


Being concrete and below the fence line, the only roof that can really accommodate the weight, depth of growing medium and plant species required is the lower ground floor. It's hardly the largest area of roof on the development but a planter of 3m² can be accommodated.



Aside from load issues, the extra depth of the intensive green roof growing medium required and the potential height of the plant species poses a treat to light levels to the main view of 21A. Light levels which have been very carefully designed around.

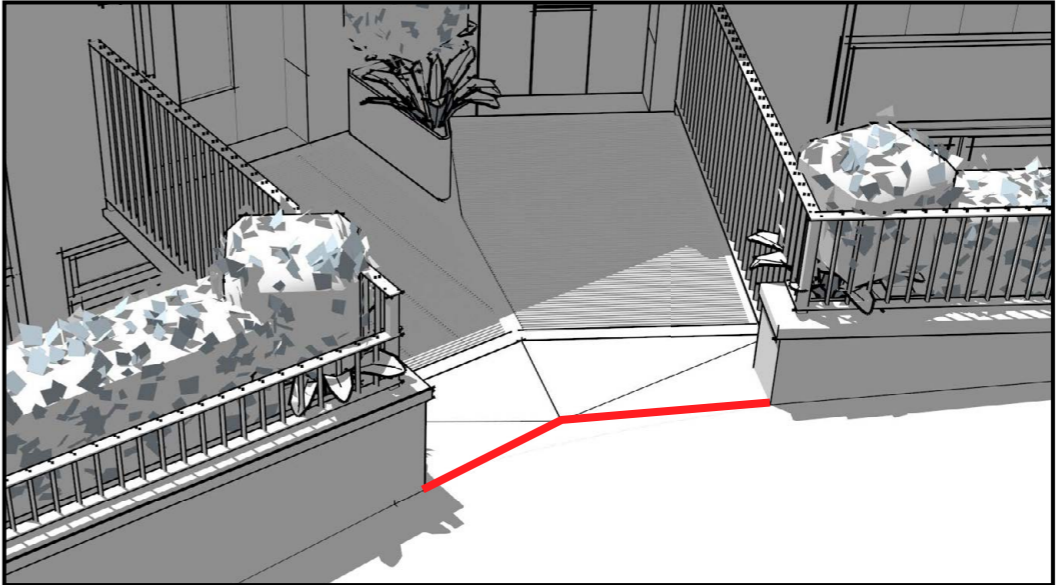
B: Solar Control Glass on vulnerable glazed areas



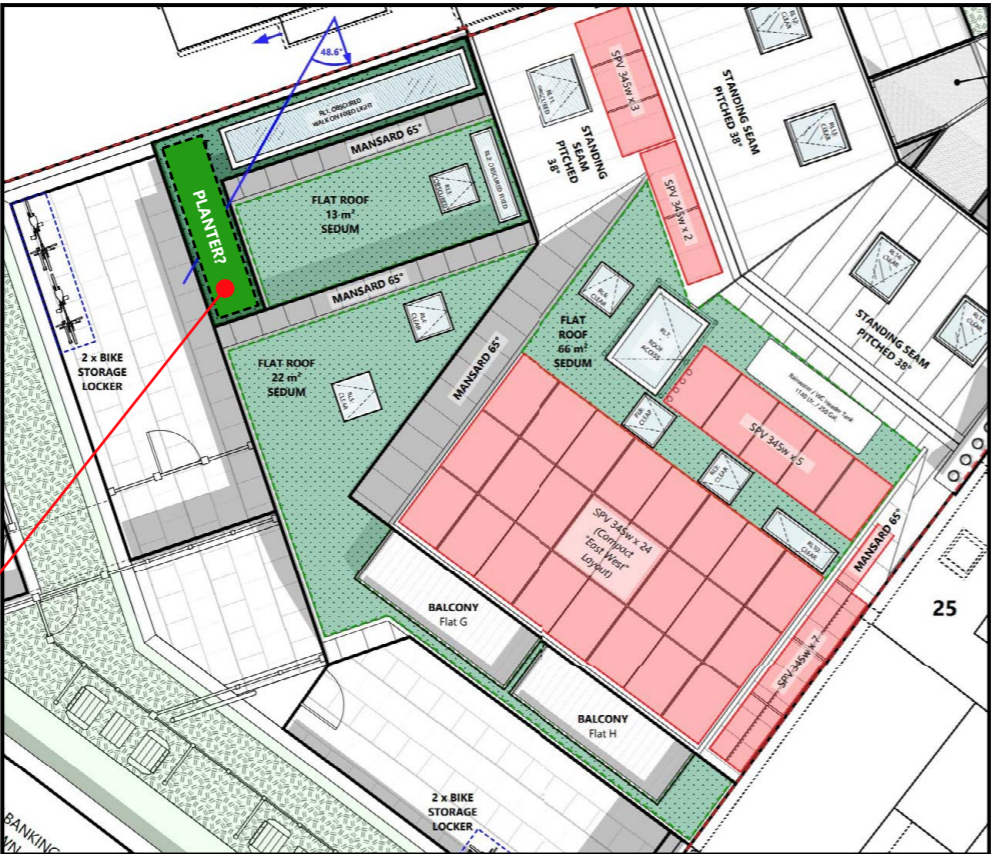
"Cooling hierarchy - SAP results show Medium overheating risk during summer months – applicant should consider further measures to reduce overheating risk."

The windows and roof lights on the proposed development prone to the most constant direct sunlight, those shown principally facing SW (in blue), will incorporate Solar Control Glass such as Pilkington Activ Suncool, Pilkington Activ SunShade or an equivalent. Glazing on the rear facade facing principally facing west, only gets direct sun towards the later part of the day. All windows on the front facade only get direct sunlight for a limited time in the early morning.

C: Front entrance threshold slot drain.



Although all the basement light-wells incorporate slot drains feeding to the main sewer already, we will incorporate an additional slim line steel slot drain at the threshold to the site to divert any water that may make its way from the pavement, directly back into the drain.



▲ The 2nd floor roof already takes the weight of 29 solar panels and the rainwater harvesting header tank, with minimal space for planting.

REDEVELOPMENT
OF SITE AT:
**23 RAVENSHAW ST
LONDON NW6 1NP**

APPLICANT:
MR C S TAYLOR
Planning Reference:
PP-05782933

CONTACT: MR C TAYLOR, 23A RAVENSHAW
STREET, LONDON NW6 1NP | TEL: 07739108695
EMAIL: chris.stuart.taylor@gmail.com

Revised: 26 May 2017

SHEET 25