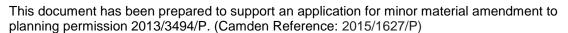
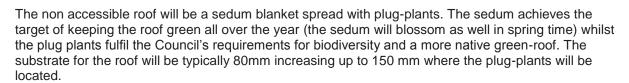
## **Roof Landscape & Biodiversity**

## **Penthouse Application**

## Linton House, 39-51 Highgate Road, NW5 1RT

## **July 2015**





This extensive substrate roof strategy of a sedum blanket with 'plug' plants has been decided upon taking a number of factors into account:

- It is considered that the 'plug' planting will provide a high level of biodiverse planting to the landscaped roof area, allowing the inclusion of a number of UK native species.
- As the substrate is only 80-150mm deep this will prevent other unwanted plants from taking root, since this is too thin for most plants. As such this type of roof would require little or no maintenance except for fertilisation once a year.
- The lower 80mm substrate depth allows for a shallower build-up at the edge, allowing a minimal profile for bulk-head detail, while maintaining the ability to incorporate 'plug' planting by increasing the depth to 150mm where necessary.
- The shallower depth of soil required will also aid in keeping the structural loading to a minimum, particularly relevant in this case as the new construction is proposed above an existing structure.

