

## Energy and Sustainability Statement

93 Hempstead Road, Watford, WD17 3HE

### Proposed New Build

Being conscientious of the environmental and sustainability impacts of a new development, consideration has been taken as part of the project to ensure the minimal impact to the surrounding and wider environment as much as possible.

The following will be considered as part of the project:

1. Recycling of materials arising from the demolition of the property and reuse of redundant materials where possible as part of the construction.
2. Separating of materials for recycling.
3. Utilising and contracting local suppliers and specialists to reduce carbon emissions
4. As part of the construction to utilise as much off site construction as possible to minimise wastage and noise emitting from the construction and also to reduce the overall timescale of the project on site with quick and efficient construction methods.
5. The plans incorporate the installation of solar panels to provide energy to the property.
6. Air source heat pumps and other sustainable elements will be incorporate into the build to minimise the use of carbon energy and to harness natural resources.
7. Rainwater harvesting tanks will be considered to collect rainwater to provide grey water to flush toilets and for garden irrigation.
8. Efforts will be made to target a passivehaus level for the new build construction and high level of airtightness.
9. Where possible, reclaimed materials will be used to minimise the need for fabricating new materials.
10. Where possible, triple glazing will be used to enhance energy efficiency.
11. As part of the construction, the house will be insulated to meet current and any future upcoming updates to the Building Regulations requirements.