

CLIMATE CHANGE & SUSTAINABILITY STATEMENT

35, PARKERS CIRCUS

This Planning Application is to extend the rear of the dwelling/house to form an open plan kitchen dining area .

Energy Efficiency

The extension roof insulation will be increased due to a warm roof construction meeting the current building regulations requirements of 0.15W/m²K,

The Rooflights will be Using velux 2-layer (*Urc,ref300=0,75 W/m²K*) for the glass within.

The Patio/sliding doors will be Double Glazing (argon filled as standard) with trickle vents providing increased thermal efficiency to the extension with natural ventilation. The walls will be constructed with fully filled cavity wall insulation maximizing efficiency and reducing heat loss.

Low Carbon Heat:

The heating system will be unchanged.

Renewable Energy:

This will remain unchanged as the size of the extension will not provide for an additional array, The applicant may be planning on adding solar panels in the near future, and possibly the addition of a Heat Pump

Water:

The proposed changes to the WC, new utility and kitchen will ensure all appliances will have saving devices and to achieve a water consumption of < 105 l/p/d.

Transport and Travel:

Shared mobility has been adopted wherever possible.

An electrical point for vehicles is to be installed depending on timescale & budget.

Flood risk assessment:

This was carried out prior to making the application.

Levels do not warrant further action. Floor levels will remain as existing.

Ecology and Biodiversity:

All steps will to taken to preserve local and site- specific items.

Waste:

Adequate internal and external bin storage and recycling space is currently allocated. Rainwater from the extension roof will be discharged into the existing gulleys on site. Rainwater storage provision is not necessary due to size of garden/lack of need.