

34 Oastler Avenue, Huddersfield

Climate Change Statement

12th May 2024



Climate Change Statement

November 2023

382 Bradley Road, Huddersfield, HD2 1PU

Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations?

The fabric of the extension will be insulated to meet building regs. In addition, elements of the existing house can be insulated including the entire underside of roof. New windows can be triple glazed and positioned in the line of insulation (of external wall) to minimise any thermal bridging.

Unfortunately, the house is not part of a CHP program. However, smart meter, efficient white good appliances and controlled central heating system can be installed.

Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally?

There will be some demolition of an existing outhouse and garage. Unfortunately, the material is not of the quality to be reused.

All materials will be bought locally, and local labour is to be used where possible.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources?

The existing roof of the main house can be used for PVs. Unfortunately, the extension will be shaded from neighbouring property and therefore does not benefit from having solar panels. The house could utilise ASHP if a new heating system is to be installed.

Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations?

The orientation of the building cannot be changed. The new windows to the extension have been designed to be sufficient and are not south facing.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development?

The house is at very low risk category for flooding. No additional measures are required.

Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures)

Water-efficient sanitaryware and appliances will be installed to reduce water usage.

Q7: What measures have been/will be taken to provide biodiversity net gains?

The biodiversity net gain is neutral. The proposal is built on hard concrete surface. The green area is to remain similar.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development?

There is space for installation of Electric Vehicle charging point. All materials will be bought locally, and local labour is to be used where possible.