

17 Mead Street, Huddersfield

Climate Change Statement

25th August 2024



Climate Change Statement

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 new loft doors and existing roof will be insulated to meet building regs. In addition, elements of the existing house in the future 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 is not much demolition, and the new dormers will require new materials. 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?

Unfortunately, the main roof will not have space for PVs due to the dormers, however the rear single storey extension could be used for PVs. 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 for the spaces.

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 river and the sea flooding. The house is at very risk category for surface water 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 proposed dormers are to be built on the existing main roof.

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.