



CLIMATE CHANGE STATEMENT

PR. WORKS | CARR HILL ROAD | UPPER CUMBERWORTH

1.0 Details

Applicant: Mr A. Silvester

Site Address: 69 Carr Hill Road
Upper Cumberworth
Huddersfield
HD8 8XN

Job No. 2452UPCM

Description: First Floor Side Extension, Rear & Front Dormers & Balcony

2.0 Climate Change Mitigation Measures

Question 1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (see section 2 of guidance notes).

Extensive use of LED and energy efficient lighting shall be proposed. Large areas of glazing will aid the reduction in the need for artificial lighting and improve natural thermal gains.

Question 2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reducing existing on-site materials or sourcing materials locally? (see section 3 of the guidance notes).

The re-use of existing stonework, where possible, shall be encouraged. Alterations are proposed to the existing footprint, limiting the requirement for high carbon consuming materials such as concrete. Materials and labour shall be sourced locally to minimise on transport emissions.

Question 3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (see section 4 of the guidance notes).

Consideration shall be given by the applicant of the inclusion of renewable energy technologies, such as solar PV and air source heat pumps or hybrid heating systems as part of the wider regeneration of the property.

Question 4: 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? (see section 5 of the guidance notes).

As part of the renovation of the host property, existing poor quality heating system shall be replaced with a highly efficient system. The existing poor quality uPVC windows shall be replaced with energy efficient modern windows. Large glazed areas to the West elevation will provide natural solar heat gain, reducing the demand on the heating system. Where possible, additional improvements to thermal envelope outside of the requirements of the Building Regulations, shall be incorporated.

Question 5: What measures have been/will be taken to reduce potential impacts of flooding associated with your development? (see section 6 of the guidance notes).

The site is located within Flood Zone 1, and the works do not affect the existing external ground / site

Question 6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. water retention and minimisation measures) (see sections 7 and 8 of the guidance notes).

The applicant shall consider the inclusion of domestic water butts throughout, for water reuse and to reduce the demand on the sewer network.

Question 7: What measures have been/will be taken to provide biodiversity net gains? (see section 8 of the guidance notes).

The proposed scheme is exempt as a householder application, from biodiversity net gain requirements.

Question 8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (see section 9 of the guidance notes).

Transport emissions shall be reduced by sourcing materials and labour locally. The applicant shall encourage labour to vehicle share when attending site to reduce vehicle usage and unnecessary emissions.