



CLIMATE CHANGE STATEMENT

Applicant Mr Richard Earnshaw

Site Address 16 Bayfield Close, Hade Edge, Holmfirth, HD9 2QX

Job nr. 21144

Project details Proposed garage conversion and first floor extension over

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)

* The development does not affect the outdoor space suitable for drying washing naturally.

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)

* Building materials will be sourced locally, to reduce the need for transport.
* The extension is designed to avoid the use of unnecessary materials.
* Applicant will carry out the work.
* Materials which have a long life span and require little maintenance will be used.
* The project will maximise the use of timber from sustainable Forest Stewardship Council (FSC) sources. If other timber is used it will be from a known source with a sustainable purchasing policy.

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

n/a

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)

* Insulation used in the development will meet with the Building Regulation requirements.
* All new glazing will be thermally broken frames with sealed double glazed units.
* All new lighting will be low energy.

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)

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- * The existing dwelling is within flood zone 1 (low risk of flooding)
 - * The extension is at first floor level

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 new ensuite will have a shower rather than a bath. Low flow, water efficient fixtures will be used.

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

Not applicable

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)**

- * Materials and labour to be sourced locally to reduce transport emissions.