

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr S Barrow. C/O Hill Rise Architecture Ltd
Site Address	Land off Windmill Hill Lane Emley Moor Huddersfield HD8 9TA
Description of Development	Demolition of outbuildings and erection of detached dwelling & associated works.

Part 2: Climate Change Mitigation measures

Please respond to the following questions considering the measures set out in the Climate Change Guidance note:
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? (See section 2)
The proposed dwelling has been designed with a high efficiency plan form factor. Windows are well proportioned to allow maximum light while being able to control solar gain thanks to the number of openable windows/ doors.
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? (See section 3)
The dwelling will be constructed from sustainably sourced local materials where possible.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
The proposal features integrated PV panels. The house will be fitted with an air source heat pump and mechanical ventilation with heat recovery.

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 ? (See section 5)

All new glazing will be high performance double or triple glazing.

All lighting fixtures will be low energy LED throughout.

Additional insulation upgrades and airtightness upgrades will be considered at building control stage but have been suggested to the client.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

There are no known flood risk associated with this property.

Q6: 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)

Proposed kitchen and bathrooms will be fitted with British Standard compliant fittings and high efficiency appliances.

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

Not applicable on this application.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

Hand cutting of materials on site will be encouraged rather than high dust power tools where possible. Locally sourced materials where possible to reduce transport emissions.