

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr Paul Henry
Site Address	Land off Jagger Lane, Kirkheaton, Huddersfield, HD5 0QY
Description of Development	New single dwelling to replace existing building

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 will exceed current Building Regs standards and will achieve an EPC rating of A. Installation of smart energy metering. Use of energy efficient A rated appliances. Use of efficient, user friendly controls for electrical & heating management.
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)
External walls incorporating heavily insulated timber frame construction to give very high thermal performance. All timbers to be from sustainable Forest Stewardship Council (FSC) sources. Walling & roofing materials will be sourced locally to minimise transportation and CO2 emissions. High performance windows & doors to be sourced locally.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Suggest use of renewable energy technologies & benefits to the client/user.
Potential for use of solar panels to south elevation.

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)

Orientation of building east-west with primary habitable rooms and principal aspect south facing.
Use of large glazed window openings & rooflights to the southern aspect.
Heavily insulated timber frame construction.
Use of low energy light fittings & appliances throughout.

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

The site is not in a flood risk zone.

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)

New WC's will be dual flush to reduce water usage. Use of showers rather than baths in the proposed bathrooms. New showers to be Hansgrohe Ecosmart which minimise water consumption.
New water supply to be metered, minimising unnecessary useage.

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

The proposals don't have any negative impact on existing biodiversity (essentially building on the same footprint as the existing building).
The existing hedgerows to the southern boundary are to be retained.
Development is too small to be considered for biodiversity net gains.

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

Materials will be sourced locally to minimise transportation emissions.
Use of mechanical ventilation where required.
Site in a rural location with lots of open space.