Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr and Mrs Jarvis
Site Address	2 Field House Dearne Dike Road Cumberworth Huddersfield HD8 8YA
Description of Development	Garage Conversion with Front Elevation Change and Internal Alterations

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)
100% Low Energy LED Lighting internal and External, Use energy efficient white goods (rating where possible) (e.g. fridges, washing machines). Providing external space for drying washing naturally
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)
Retaining and refurbishing existing buildings/features rather than demolishing and rebuilding unless the loss of ‘ embodied ’ carbon can be offset by resulting improvements in the energy efficiency of the building. Sourcing materials locally to reduce the need for transport. Maximising the use of timber from sustainable Forest Stewardship Council (FSC) sources. If other timber is used it should be from a known source with a sustainable purchasing policy.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

None - Not viable on such a scheme
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)
Ensuring roof structures include a south facing slope to facilitate the installation of solar panels. Argon filled low emissivity double glazing. Use of roof lights/openings to increase daylight in poorly lit areas.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
N/A - Not in a Flood 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)
Water-efficient toilets - Low-flush toilets and dual flush toilets reduce water usage. Taps - Spray and low-flow taps reduce the amount of water used. Self-closing and infrared controlled taps ensure that water cannot be left running.Showers - Showers (apart from power showers) generally use less water than baths. Low volume baths are also available including tapered shaped baths.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Rainwater harvesting - This involves collecting rainwater from a roof and storing it in a tank, As this is used outside, it can take the form of a simple water butt.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Consideration whether open spaces and green infrastructure on sites can contribute to the sustainable drainage of the site. Use of trees and other green infrastructure can support climate resilience through reducing surface water run-off by slowing precipitation and binding soil to prevent erosion.