Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr Mark Earnshaw
Site Address	6 Lydgate Road, Shepley, HD8 8DZ
Description of Development	Rear roof extension to existing master bedroom

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)
1. New radiators will be provided with thermostatic radiator valves to allow individual control of the zone. 2. Smart energy meters will be installed if not already present to monitor energy usage. 3. Any new lighting will be LED and energy efficient.
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)
1. Sourcing materials with a low U-value (a measure of the materials heat loss value). 2. Reusing the stonework from the original walling where possible. 3. Materials will be sourced locally where possible using local building merchants and quarries. 4. Material waste will be separated to limit what gets taken to landfill.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Due to the size of the works it is not feasible to install any renewable or low carbon e
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)
1. The doors are installed facing South. 2. The main walling materials are stone which has a high thermal mass. 3. Energy efficient LED lighting to be installed. 4. TRV's fitted to radiators.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The property is located within Flood Zone 1 according to the Government website. No further action is deemed necessary.
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)
1. Rainwater butts will be considered for grey water harvesting.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
There will be minimal loss and disruption to the existing biodiversity of the site. Only a small area of the garden is hardstanding. The remaining area is grass, planting and trees.
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 from building merchants and quarries.