Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Liam Donaghey - Applicant
Site Address	123 Marsh lane Shepley HD8 8AS
Description of Development	Demolition of existing single storey extension and erection of single storey with pitched roof

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)
My client is looking into solar PV and applying for government grants. They have a relatively new gas boiler but will be looking at an air source heat pump when the existing boilers usable life expires.
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)
Materials are to be reused from existing extension such as stone and brick, lintels subject to structural calculations, with all timber to be FSC trademark to make sure its sustainably and responsibly sourced. All tradesmen working will be based within a 5 mile radius of Huddersfield and materials sourced via local building merchants.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

We are looking into adding solar PV on the roof so this can be used to supplement the properties electricity use, as well as electric car charge points to the front of the property.
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)
Large windows to the south elevation are being used to make sure we have solar gain into the property to save on heating. The new extension will be adequately insulated too, whereas the current extension is single skin and no insulation.
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 not located in an area of any flood risk
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)
Guttering will feed into water butts so we can use any stored water for cultivating the garden
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Bird boxes will be added to the property to attract local wildlife. As the current plans cover the existing extension and part of the driveway, we are not losing any diverse ground or any habitats.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

We are utilising as much of the existing materials as we can which will help noise associated with deliveries to site. The materials specified mean very minimal construction noise associated with the build.

As the site is off a main road double glazing will be replacing the single glazing currently used on part of the existing extension, so this will help eradicate noise coming into the property.

The extension has been designed to utilise the existing space occupied by a badly built extension of single skin brick/stone with little or no insulation. The design utilises highly specified insulation, windows and materials to bring the house up to modern day specifications and standards.