

## **Appendix A – Climate Change Statement**

### **Climate Change Statement for Planning Applications**

#### **Part 1: Applicant details**

Name of applicant/agent	Mr Stuart Shaun Hirst
Site Address	21 High Close Linthwaite HD7 5ST
Description of Development	To erect a side extension to a Detached Bungalow

#### **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)
Extension energy to be connected to existing system. Building service controls such as lighting and gas boiler controls, management systems are user friendly, efficient, up to date, and complementary. Sufficient outdoor space is available for drying washing naturally. Central heating system can be controlled by individual timing and temperature controls.
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)
Existing building/features to be retained/refurbished rather than demolished. Developers will follow council waste management and disposal procedures/guidelines. Waste will be stored separately awaiting collection for recycling and disposal. Materials will be sourced as detailed in climate change guidance. Waste management will be considered at an early stage in planning development.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
Heating will be connected to a local area existing energy network.

**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)**

Using landscaping /design to provide shelter from winds. Extra insulation will be taken into consideration for the extension walls, roofs and floors. Low energy lights and lighting controls will be installed. Natural ventilation will be in place to reduce need for air conditioning.

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

Using landscaping /design to provide shelter from winds and help to prevent flooding. Raising the height of thresholds and floor levels will be utilised to prevent floodwater from entering the building. Using materials that are less susceptible to water damage will minimise potential damage.

**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)**

A low flush toilet, low flow taps and self-closing taps will be taken into consideration in the design to help reduce water usage. The property currently benefits from a water meter to help in the reduction of water wastage.

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

The outside area surrounding the extension already has many trees and green infrastructure in place which can contribute to the sustainable drainage of the site. The garden area is already well established with plants and lawns.

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

Wherever possible we will locally source materials to reduce transport emissions. A travel plan where appropriate will be put in place to encourage employees to travel together in one vehicle as opposed to several vehicles.