<u>Appendix A – Climate Change Statement</u>

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Andrew Hall
Site Address	126a Long Lane Dalton Huddersfield HD5 9SF
Description of Development	two storey extension to RHS of original building and single story extension to rear of property

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)
Depending on approval, the works will commence during the summer months so no artificial lighting should be required, this will reduce the energy consumption during the constrution process.
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)
Where posible, original materials will be reused such as the bricks and blocks to form the cavity wall. This will reduce the energy demands required to create new bricks/blocks and the associated transportation. The original windows will also be reused subject to condition when removed. The contractor under consideration is based locally off chain bar roundabout, with trades based in the huddersfield area, this will reduce the carbon emissions released during travel to and from site.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The house has already been converted to fully electric and has no gas supply to it as

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)

Additional glazing will be added to the rear elevation which is largely south facing. This will help reduce the energy requirements of the property as the house will be heated through solar gain. The additional glazing will also allow more light to enter the property and so reduce the energy requirement further.
It is planned for LED spot lights to be installed in the kitchen and bathroom as these are more energy efficient than convetional light bulbs.
Cavity insulation will be fitted into the cavity wall as part of the development to reduce heat loss.

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

The proposed development is in an area not deemed to be at risk of flooding, with the nearest water course being located approximately 100m down the street.

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)

The water supply to the property will be isolated during the course of the works to reduce the risk of leaks.

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

Following completion of the development the rear garden will be turfed rather than paved as it currently is.

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, the appointed construction company will be based locally. any waste materials will be disposed of via the approporiate methods and not burned.