

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	James Butterworth - Studio J Architects
Site Address	68 Thorpes Avenue, Denby Dale, HD8 8TB
Description of Development	Single storey rear extension

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)
Energy efficient and smart heating / lighting controls and fittings.
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)
- All materials used for the project will be from sustainable sources and sourced locally wherever possible. - Waste will be kept to a minimum and separated before disposal. - Material that can be reused from the existing dwelling will be used.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

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)
We will be using the most up to date insulation to ensure the best energy efficiency of the building. This will also include triple glazed windows, insulated external doors and new efficient boiler system.
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 in a flood risk area. The existing garage is being demolished to enable more natural soak away / landscape. To the rear of the property, there is a lawned garden and open fields which aid soak away.
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)
- There is no increase of hardstanding so surface water will remain the same. - Install low water usage taps and reduction in flow rate of boiler.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
The rear garden will remain as will the the open fields, amount of hardstanding remain the same therefore no impact to biodiversity.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
- The development will not impact the existing air quality. - Trades and materials to be locally sourced to reduce carbon footprint.