

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mrs Yasmeen Akhter
Site Address	5 Langdale Drive, Huddersfield, HD5 9EW
Description of Development	Planning application for a new proposed 3m single storey rear extension, in place of the existing conservatory and a single storey 2.7m rear extension to an existing single storey extension to include x2 Velux skylights, with alteration of the existing 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)
External brickwork with render finish/inner blockwork wall construction with insulation to be beyond the minimum specification required in the current building regulations. Specification to be determined at the Building Regulations stage. Solar Panels to be introduced at a later stage to reduce energy demand with an integrated AI battery to store energy during the day and release energy at night. Ideas in regards to the SEG (Smart Export Guarantee Scheme) to be implemented at a later date.
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)
Re-use of onsite materials and sourcing of brickwork through local builders merchants, wherever possible to use existing brickwork found near site and to match character of existing house. The use of local merchants would reduce the carbon footprint to source and deliver materials on site.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The introduction of solar panels at a future date with electric car.

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)

Building layout has been optimised to meet both the requirements of the Councils policies and the existing layout has been optimised by reducing the spaces not required. Efficiency of the design is configured better for optimal functional use. internal insulated plasterboard will be used for the walls at building regs stage, with super insulation beyond part L where required.

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

Adequate proposed drains into main sewer, excess water from roofs will be collected through down pipes into the main sewer.

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)

Additional down pipes as needed. Rainwater storage on external water butts for reuse in garden areas, raised garden beds for the absorption of water into plants and trees.

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

Open spaces have been maintained together with the introduction of landscaping and newly planted trees to the rear of the property.

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

The house is in a residential setting, therefore no business style industry is proposed, minimising the use of heavy piping. There are no manufacturing or business processes on site.