

Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Rabena Khan
Site Address	29 Birklands road Huddersfield
Description of Development	Erection of a single storey 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)

Precautions and steps will be taken place to ensure all parts of the approved documentations and building regulations will be achieved. At building regulations stage full plans building regulations detailed drawings will be provided to demonstrate how the proposed extension will achieve the correct u-value and also meet all the other parts of the approved documents. The envelope and extension will be thermally efficient ensuring this meets the above requirements.

There will be improved insulation in the walls, floors and roof.
The ceiling will have LED and fire rated, dimmable spotlights.
The underfloor heating will be energy efficient set to a timer and a temperature sensor.
Central heating will have individual temperature control and a timer.
The extended floor will have concrete floor for maximum insulation.
Windows and bi folded doors will be double glazed.
The roof will be insulated twice to keep the heat in.
The walls are insulated with kingspan.

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 will be sourced locally where possible. Builders will use existing materials where possible. Where existing materials are on site or where an existing wall is broken and the materials can be reused as insulation.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Recycable materials will be used where possible.

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)

The understanding of the latest regulations update has been researched and discussed. The external walls will be of materials and cavity width, correct insulation will be used to achieve the correct u-value required for each sections and envelope.

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

Not applicable. Low flood risk area.

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 roof design will be done by a roof specialist who will place the rain water pipes in the correct locations and gulleys will be used to allow correct water flow.

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

This will be encouraged where necessary.

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

Time management. Ensure the overall project does not take longer than expected to reduce the amount of air pollution. Materials will be sourced locally and existing materials will be used where possible. Waste materials will not be burnt.

