

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mrs A Azizi
Site Address	5 Beagle Avenue, Huddersfield, HD4 7AP
Description of Development	Proposed Garage conversion with side facing single storey extension, with first floor side extension and with rear facing infill 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)
Installation of 'smart' energy metering, including displays showing the amount and cost of energy consumed. Ensuring that building service controls such as lighting and gas boiler controls, and management systems are user friendly, efficient, up to date, and complementary. Use energy efficient white goods (rating where possible e.g. fridges, washing machines). Use of centralised heating system, with individual time and temperature controls to each part of a building or individual rooms.
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)
Retaining and refurbishing existing buildings/features rather than demolishing and rebuilding has been considered. Sourcing materials with a low U-value (a measure of the materials heat loss value) will be done. Selecting materials that have a long life and require little maintenance. Maximising the use of timber from sustainable Forest Stewardship Council (FSC) sources. Private garden consideration for provision for home composting unit.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Solar PV panels may be considered in the future

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)

Appropriately orientated solar PV panels may be considered in the future. Habitable rooms with new roof lanterns to south east of home. Use of construction materials with a high thermal mass (such as stone, concrete and tile), they absorb heat during the day and release it slowly thereafter. Existing landscaping provides shelter from wind. Extra insulation of walls, roofs and floors to be considered. Argon filled low emissivity double glazing. High efficiency heating boiler to be installed (as needed). Roof lanterns shown to increase daylight in poorly lit areas.

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

Rainwater butts to be considered by homeowner. Existing soft landscaping to be retained where possible to order to help with rainwater absorbency.

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)

Low-flush toilets and dual- flush toilets to reduce water usage. Spray and low-flow taps to reduce the amount of water used. Showers to be used as much as possible, as they use less water. Water meter to be considered & rainwater butts to be considered by homeowner also.

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

Use of water retaining mulches and ground-cover plants to be considered. With existing soft landscaping to be retained where possible.

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

Locally source materials to reduce transport emissions & installation of Electric Vehicle charging point to be considered in the future also.