

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Dr Satpal Singh Bharaj
Site Address	87 New North Road Huddersfield HD1 5ND
Description of Development	Proposed loft conversion and double story side extension Hip to gable roof conversion with rear dormer Addition of roof velux windows to front elevation

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)
Smart meters are installed already Central heating system with individual temperature/thermostat controls for each room. Use of low energy LED lighting Use of velux windows to provide natural light in poorly lit areas. Extra insulation of walls/roof and floors. Optimising glazing on the south side of the building.
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-using any onsite materials will be locally supplied and local contractors will be used to minimise secondary carbon footprint. Sourcing timber from sustainable Forest stewardship council sources. Using material which have a long lifespan and require little maintenance.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
Heat pump is being considered especially with the government grant incentives

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 property benefits from a modern energy efficient combination boiler for heating and water. Double glazed glass units in the windows and doors throughout the property. Underfloor heating system installed already. Cavity wall insulation was used where possible. Using construction materials with a high thermal mass.
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 on an elevated position on a hill. Not in a flood risk zone
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 and dual flush toilets already present in the property and will be used in the proposed ensuite. Shower will be installed in the ensuite. Property benefits already with a water meter. Higher energy efficient /low water using washing machine
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
N/A – as side extension will be over an existing tarmac driveway. All other works – such as hip to gable room and dormer are internal.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Locally sources materials Utilising local contractors/tradesmen EV charging point already installed.