

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	85 New North Road Huddersfield HD1 5ND
Description of Development	Double story side extension Single story rear extension Proposed loft conversion 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 meter 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

<p>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)</p>
<p>The property will benefit with a modern energy efficient combination boiler for heating and water. Double glazed glass units in the windows and doors throughout the property will be upgraded where possible. Underfloor heating system installation. Cavity wall insulation used where possible. Using construction materials with a high thermal mass.</p>
<p>Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)</p>
<p>The property is on an elevated position on a hill. Not in a flood risk zone</p>
<p>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)</p>
<p>Low flush and dual flush toilets will be used. Showers will be installed. Property benefits already with a water meter. Higher energy efficient /low water using washing machine</p>
<p>Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)</p>
<p>Will benefit with new landscaping of the rear garden to include larger lawn area and shrubs and bushes.</p>
<p>Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)</p>
<p>Locally sources materials Utilising local contractors/tradesmen EV charging point to be installed.</p>