

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr J and Mrs R Dunkerley
Site Address	7 Stoney Bank Lane New Mill Holmfirth HD9 7LW
Description of Development	Proposed extension to existing kitchen and balcony at the rear of the property

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)
* The development will be connected to the existing heat and power systems. * Any new appliances will be energy efficient. * The development maintains outdoor space suitable for drying washing naturally. * The extension will benefit from underfloor heating, run off the existing heating system, which will have separate room thermostatic control.
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)
* Existing stone from the removal of existing walls will be re-used in the construction of the proposed extension, to minimise waste during construction. * Any additional materials will be sourced locally, to reduce the need for transport. * Building footprint is designed to avoid the use of unnecessary materials. * Local contractors will be employed to carry out the work. * Materials which have a long lift span and require little maintenance will be used. * Maximise the use of timber from sustainable Forest Stewardship Council (FSC) sources. If other timber is used it will be from a known source with a sustainable purchasing policy.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

<p>* Heating and lighting will be taken from the existing house supply.</p>
<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>* Insulation used in the development will meet with the Building Regulation requirements, as a minimum. * All new glazing will be thermally broken frames with sealed double glazed units. * All new lighting will be low energy. * Walk-on rooflight in balcony will increase natural daylight into the extension, minimising the amount of time artificial lights will be required to be on.</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 extension floor level is at the same level of the existing house. * The ground floor construction will be solid concrete ground floor slab, as existing</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>Not applicable</p>
<p>Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)</p>
<p>Not applicable</p>
<p>Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)</p>
<p>* Materials and labour to be sourced locally to reduce transport emissions.</p>