

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Farrar Bamforth Architecture
Site Address	Acre House, Acre Street, Lindley, Huddersfield, HD3 3EA
Description of Development	Small scale residential development - 4 x dwellings.

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)
<p>The development will not be served by a combined heat and power system.</p> <p>Smart energy metering will be considered for the development, including displays showing the amount and cost of energy consumed.</p> <p>Building service controls such as lighting and gas boiler controls, and management systems will be user friendly, efficient, up to date, and complementary</p> <p>External space for drying washing will be provided.</p>
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)
<p>Reusing existing materials on site for new construction where practicable.</p> <p>Developers will follow the waste management hierarchy and incorporate facilities to minimise waste as part of development proposals during demolition, site clearance, construction where practicable.</p> <p>The design of developments will ensure that there is sufficient space for occupiers of completed schemes to store separated waste awaiting collection for recycling and disposal.</p> <p>Waste management has been considered at an early stage in planning development proposals to demonstrate how waste will be minimised during construction.</p> <p>Materials will be sourced locally where possible with a low U-value, long life with little maintenance and low levels of embodied energy.</p>
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

<p>Due to the smaller nature of the development, the proposals do not require a master plan and there is not currently a connection to a district heating network.</p> <p>Other sources of low or zero carbon technologies have been considered at an early stage.</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>A significant amount of glazing has been included to the South and South west elevations of the dwellings, this will utilise passive solar design and minimise resource use within the buildings. In addition to this a number of primary habitable rooms are located on this side of the dwellings.</p> <p>Energy efficient design and initiatives have been considered throughout the design of the dwellings. Extra insulation has been considered for the walls, roofs and floors. Argon filled low emissivity double glazing has been considered, Low energy lights and lighting controls to automatically switch off when not needed.</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 site is in a low risk flood zone, therefore a flood risk assessment and sequential testing is not required.</p> <p>Run off rates will be reduced through rainwater harvesting and SUDS where possible.</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>Consideration has been given to water efficiency through water conservation techniques this includes low / dual flush and low flow devices.</p>
<p>Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)</p>
<p>We have considered the options for net biodiversity gains through enhancements and habitat creation where opportunities exist.</p> <p>We have also considered the practicability of open spaces and green infrastructure with regards to sustainable drainage of the site.</p>
<p>Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)</p>
<p>A travel plan is not deemed relevant for a small scale residential development. Residents will be actively encouraged to use sustainable transport which includes cycling and public transport.</p> <p>Electric vehicle charging points have been included within all garages.</p>