

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr and Mrs A. J. Buckle C/o John Buckle
Site Address	14 Manor Road Farnley Tyas Huddersfield HD4 6UL
Description of Development	Proposed single storey rear 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)
1. The thermal installation to the new cavity walls and the new roof construction will be to a higher standard than the minimum U values set out under the current Building Regulations. 2. The proposed underfloor heating will be laid over a new floor slab insulated to a higher standard than the minimum U values set out in the current Building Regulations. 3. Low energy light fittings will be used with individual controls.
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)
1. Construction materials wherever possible will be salvaged during the demolition stage for reuse in the construction phase. 2. Construction materials wherever possible will be sourced locally to minimise transportation.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Solar panel insulation on the southern slopes may be a future consideration.

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)

1. Extensive glazing along the south facing elevation to maximise passive solar gain.
- 2 High performance sealed glazing units to be specified to minimise winter heat loss/summer thermal gain.
3. An opening roof window to maximise natural ventilation.
4. Construction material will be specified to maximise natural heat absorption

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

1. Rainwater harvesting diverters will be installed to rainwater storage butts for garden use.
- 2 The site is designated by the Environment Agency as falling within Flood Zone 1 so has minimal risk of flooding from surface water, rivers or seas.

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)

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1. Low flow taps to be specified to reduce water usage.

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

1. Wherever possible the existing garden will be protected from damage during construction. Any making good works/planing will be carried out in early spring when less watering will be required.

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

1. Reuse of existing materials will be use in the new construction and new material will be sourced locally.
2. The contractor will be encouraged to arrange for employees to share transport to minimise individual car use.