

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Quarters Gomersal Ltd
Site Address	Land to the rear of 271 Cliffe Lane, Gomersal, Cleckheaton, BD19 4SB
Description of Development	Demolition of existing dwelling and erection of 87 dwellings including formation of a new access from Cliffe Lane, landscaping, public open space and all associated infrastructure and engineering works

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)

An enhanced fabric specification will be implemented, including early adoption of many of the u-value requirements of the upcoming Future Homes Standard. The implementation of a highly efficient building envelope will reduce energy demand.

Ensuring the occupier is well informed about the installed systems is key to ensuring efficient use. This will be communicated to occupants by:

- The provision of a Home User Guide, clearly explaining how to operate the systems in the most efficient manner.
- Installation of smart meters, enabling the occupier to monitor their own energy use and expenditure.
- In order to enable greater control and the associated reduction in energy demand, individual time and temperature controls will be installed.

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)

Modern methods of construction including timber frame are being actively considered for the dwellings to reduce carbon associated with the development. The Contractor selected to deliver the project will implement a Waste Management Plan, demonstrating compliance with the waste management hierarchy and recording key statistics in relation to waste and recycling. Wherever possible, the Contractor will utilise local material suppliers and subcontractors to reduce emissions associated with deliveries and travel.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Air source is being considered as the main heating solution. This reflects the upcoming changes to the Building Regulations and the Client's aspirations to be an early adopter of the key principles. Solar is also likely to be used and space provision will be provided for future batteries.

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)

Extensive planting and street trees are incorporated into the design to increase surface permeability, including sustainable drainage to minimise flood risk/ contribute towards climate change.

The design includes a number of measures which exceed the minimum requirements of Part L 2021:

- A highly efficient fabric, including u-values exceeding those specified in Part L 2021 with an aim towards Future Homes Standards.
- Additional renewable technologies beyond minimum Part L compliance.

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

Areas of green space are incorporated within the development to provide additional permeable area. Many properties have been selected to have permeable paving on the driveways.

Drains go to surface water attenuation. The drainage design includes a 40% allowance for Climate Change and a discharge rate of 5l/s.

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)

The Contractor selected to deliver the project will set out a scheme of water efficiency measures in accordance with The Water Efficiency Calculator for New Dwellings. This will include measures such as:

- Dual flush WCs
- Flow restriction to taps and showers
- Residents will have easy access to their water meters, providing the user with information to support their reduction in water use.

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

The application offers a well-considered landscape proposal that includes a diverse range of green spaces and habitat creation; ranging from formal lawned gardens to wildflower meadows and additional trees.

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

The site layout prioritises pedestrian movements to encourage active travel and public transport use.

Wherever possible, the Contractor will utilise a local supply chain in order to reduce emissions associated with material deliveries and subcontractor travel to the site.

The development includes a range of open space types, from formal landscaped gardens to wildflower areas. The landscape design includes tree planting to assist in mitigating the effects of air pollution.

In order to assist in reducing air pollution associated with vehicles, EV charging points will be installed for the dwellings.