

Climate Change Statement

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Date: 8th March 2024

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CLIMATE MITIGATION MEASURES:

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?

The existing bungalow is approximately 60 years old with recent internal modifications at ground floor. Windows and doors have been upgraded to double glazed which will have had a considerable benefit. The proposed gable and loft conversion with dormers will significantly increase the thermal properties of the existing roof space by insulating to current regs and therefore save money in the amount of energy used going forward.

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?

The loft conversion and dormers will involve materials brought on to site that will be sourced locally where practical.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources?

Any wiring and lighting will all be low voltage / wattage. There are no other options for renewable / low carbon energy within these proposals.

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?

By effectively replacing the whole of the existing roof, the building will be significantly upgraded in respect to heat loss with high levels of high performance insulation and thermally broken double glazed windows.

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

Not applicable as the proposals are contained wholly within the existing property.

Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures)

Not applicable as the proposals are contained wholly within the existing property.

Q7: What measures have been/will be taken to provide biodiversity net gains?

Not applicable as the proposals are contained wholly within the existing property.

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

Not applicable as the proposals are contained wholly within the existing property.