# Climate Change Statement

Northlight Architectural Consultants Ltd
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NORTHLIGHT© ARCHITECTURAL CONSULTANTS

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| Project: | Extension to:<br>120 Oxford Road,<br>Gomersal,<br>Cleckheaton,<br>BD19 4HD | Date: | April 2024 |
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## 1.0 Applicant Details

Applicant: Mr P Stone
BP Land Ltd
288 Oxford Road,
Gomersal,
Cleckheaton,
BD19 4PY

Agent: Mr C Gentle
Northlight Architectural Consultants Ltd
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## 2.0 Climate Change Mitigation Measures

2.1 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 extension will be highly insulated beyond the minimum standards as set out in the Building Regulations. The insulation to the external envelope of the existing house will be upgraded where possible.

2.2 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?

Construction materials will be reused or sourced locally wherever possible.

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

The existing outdated heating/ hot water system is to be renewed with a high efficiency gas combination boiler with efficient radiators.

2.4 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?

The proposed extension faces south-east. Generous areas of glazing will allow for internal spaces to benefit from increased natural light and solar gain.

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

The application site is not within a flood risk zone. The proposals will not increase to risk of flooding on the site or beyond.

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

No addition water consumption is proposed over and above the consumption of the existing dwelling. Opportunities to incorporate grey water usage/ water butts for irrigation are to be considered.

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

Boundaries are to be planted with native hedgerow species.

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

No open fires/ wood burners are proposed.


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