

Climate Change Statement

Part 1: Applicant details

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| Name of applicant/agent | ONE17 Architects and Interior Designers (Agent) |
| Site Address | Binns Wood, Binns Lane, Holmfirth, HD9 3BJ |
| Description of Development | New Dwelling |

Part 2: Climate Change Mitigation measures

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| 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) |
| <ul style="list-style-type: none">• Any new appliances such as fridges, washing machines etc. will be min. A rated energy efficient.• All new lighting will be LED and energy efficient. |
| 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) |
| <ul style="list-style-type: none">• Any new materials to be sourced locally, and encourage purchasing reclaimed materials such as natural walling stone and natural stone slates.• Use local labour and Contractors to limit travel time to site and reduce carbon emissions. |
| Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4) |
| <ul style="list-style-type: none">• Suggest installation of renewable energy technologies and highlight benefits to Applicant. |

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)

- Limited glazing to North Elevation,
- Proposals benefit from expanses of glazing/rooflights to South Elevation to increase solar gain.
- Rooflights also provide rapid ventilation and increase daylight levels internally.

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

- N/A

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)

- Encourage use of water efficient appliances (eco shower heads, low/dual flush toilets)

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

- The return of a large part of the site to open landscape is a major benefit of the scheme. The decrease in developed land (land reverting to wildlife habitat) permits an improvement in BNG of 10%. The separate ecological report submitted from Quants Environmental that forms part of the application document suite shows this BNG to be a valuable benefit of the scheme. Please refer to the Quants report for further detail.

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

- Locally sourced materials and local labour to reduce transport emissions.
- Installation of mechanical extract ventilation system to rooms required.