

Climate Change Statement

Part 1: Applicant details

Name of applicant/agent	ONE17 Architects and Interior Designers (Agent) Mrs Jacqui Sharpe (Applicant)
Site Address	Fern Bank, Far End Lane, Honley, Holmfirth, HD9 6NS
Description of Development	New Dwelling

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)
<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. Salvaging existing materials for re-use on site will also be encouraged.• 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)

- Suggest installation of renewable energy technologies and highlight benefits to Applicant (Air Source Heat Pump, Solar Panels).

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)

- Rooflights to provide rapid ventilation and increase daylight levels internally.
- Rooflights to provide solar gain.

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

- Site is in Flood Zone 1 so the risk of flooding is negligible.

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).
- New dwelling will be designed to meet water consumption requirements in accordance with Approved Document G of The Building Regulations.

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

- See Ecological Impact Assessment
- Project exempt from 10% net gain (self-build)

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.